

JOHNSON'S ENCYCLOPÆDIA

OF

TRANSPORTATION

DEVOTED TO

THE INTERESTS OF TRANSPORTATION COMPANIES, PURSERS,
SHIPPING AND FREIGHT CLERKS, MANUFACTURERS,
MERCHANTS, FARMERS, MECHANICS, AND
ALL CLASSES OF BUSINESS MEN.

OVER 300 ILLUSTRATIONS AND 200,000 CALCULATIONS.

BY

P. W. JOHNSON.



CHICAGO AND SAN FRANCISCO:
THE WHEELER & WHEELER COMPANY.

1892.

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Summary of Contents.

INTERNATIONAL SIGNAL CODE.

In use by the United States and adopted by England, France, Germany, Italy, Russia, Brazil, Austria, Holland, Spain, Sweden, Norway, Denmark, Belgium, Poland, and all merchant ships.

SEMAPHORE SIGNALS.

Many of which are established on the French, Italian, Portuguese, and some on the Spanish and Austrian coasts, where the International Code of Signals is used.

SEMAPHORIC ALPHABET.

Showing the value of each combination, and corresponding to the alphabet of Distant Signals.

VESSELS.

Vessels of various kinds, descriptions, illustrations, names of rigging, and full information respecting the same.

SHIPS' TONNAGE.

Approximate rules for determining gross and net tonnage, showing the ratio of weight to measurement. International Register Tonnage, showing by what nations and when adopted. Rule for calculating, approximately, the dead weight cargo in tons which a vessel can carry on an average length of voyage.

SIGNAL CODE.

Giving the Bell, Whistle, and Fog Horn Signals as used by steamers and sailing vessels.

NIGHT SIGNALS AND FUNNEL MARKS.

Night Signals and Funnel Marks of the principal Atlantic and Pacific steamship lines.

HOUSE FLAGS.

Illustrations showing designs adopted and in use by Atlantic and Pacific steamship lines.

READY FREIGHT CALCULATOR—CUBIC FEET.

Tables for the ready computation of freight when received by measurement, giving results in dollars and cents on any number of cubic feet at any given rate per cubic foot or ton of 40 cubic feet. Calculations are made from 5¢ to \$50 per cubic ton of 40 cubic feet, and from $\frac{1}{8}$ ¢ to \$1.25 per cubic foot inclusive.

WEIGHTS AND MEASURES OF GENERAL MERCHANDISE.

Comprising a series of tables, alphabetically arranged, enumerating all classes of general merchandise transported by land and water. Tables not only giving the number of pounds per cubic foot and ton, and the space required for the storing of one ton of 2000 pounds of any given article, but the calculations and extensions are so arranged that, when the weight of an article is known, its cubical contents may be ascertained without measuring, and *vice versa*. Showing also what any given article of merchandise will weigh as compared to its measurement.

TRUNKS.

The dimensions and weights of common trunks, empty, are given, showing all facts necessary to be known in connection with transportation.

STONE, EARTH, AND COAL.

Tables including all kinds of marble, granite, sandstone, and coal, affording a convenient and correct basis from which to calculate the weight, from measurement, when facilities are not convenient for weighing.

METALS AND MINERALS.

The specific gravity and pounds per cubic foot, and number of cubic feet in one ton weight of all metals in common use, and also nearly all minerals known to the metallurgist.

LIQUIDS.

Tables are extended in like manner as those of general merchandise, with the exception that the number of pounds per gallon is given, with rule for calculating the number of gallons contained in a cask, tierce, or other receptacle of liquids, and therefrom determining the weight.

SUNDRY ARTICLES.

Such as cannot be classified under one general head, *i. e.*, Fat, Tallow, Ice, Indigo, etc. They are considered both as to their weight and measurement.

TENSILE STRENGTH.

Giving the number of pounds necessary to tear asunder one square inch of all kinds of cast and wrought iron, steel, and copper.

LIVE STOCK.

Showing the average weight and the number of the different kinds of live stock that may be loaded in an average size stock car 30 feet in length, giving the number of cubic feet occupied by each head, etc.

PRODUCE.

The legal weights per bushel of grain and fruit, as found in the different States and Canada, are computed in such a manner that when considered in connection with rules given, will be found accurate in ascertaining the weight when handled in bulk.

LUMBER AND TIMBER.

Tables are complete in giving pounds per 1000 feet, board measure, and pounds per cubic foot, whether green, partly seasoned, or fully seasoned, and, in connection with the tables showing the cubical contents of logs and round timber, affords an easy means of determining the weight of a log of any species or dimensions.

ROUND TIMBER AND LOGS.

In connection with the tables giving the cubical contents of Round Timber and Logs, mentioned in the above paragraph, rules are given to reduce round timber to square timber, and how to determine the loss in weight in squaring a log, and also to reduce round timber to inch board measure, and to determine the loss in pounds by so doing.

CORD WOOD, TAN BARK, SHINGLES, LATHS, ETC.

Giving the number of pounds per cord of 128 cubic feet of cord wood, tan bark, etc., and also the number of pounds per 1000 shingles and laths, with number of cubic feet required to store one ton of 2000 pounds.

SHRINKAGE—WOOD AND TIMBER.

Table showing the weight per cubic foot of green timber, round and square, and also after seasoning one and two years.

VEHICLES.

Aside from the weights and measurements of vehicles enumerated in the tables of general merchandise, the approximate weights and measurements are given of the various kinds known to the trade. For convenient reference the descriptions of all kinds of vehicles are briefly given.

FREIGHT, PASSENGERS, AND BAGGAGE.

Rules governing same,—defining the business of the Freight Department,—duty of consignors in relation to shipping receipts,—enumerating goods not received,—articles for which transportation companies hold themselves free from loss,—when shipments are made at "Owner's Risk," the penalty for not entering the words on the shipping receipt,—articles on which a "Release" is required must be executed in writing, as prescribed by carrier,—goods must be packed according to the provisions of the classification in order to obtain the rate given,—how certain articles must be packed,—illegality of rates named on property misrepresented,—goods consigned to a second party, how obtained,—small consignments, how treated,—conditions when prepayment is required,—trunks containing wearing apparel and personal effects must be boxed,—cars, how furnished,—what constitutes a carload,—defining what constitutes a carload within the meaning of the classification,—when less than 20,000 pounds may take carload rate,—charges made on freight in bulk,—rules governing the shipment of live stock,—perishable articles, when use of a stove is required, privilege granted,—when preservatives are required, charges made in excess prescribed by carrier,—responsibility of carrier when goods are delivered into company's warehouse,—when storage is charged,

—time specified when cars must be unloaded,—cars not to be loaded above marked capacity,—no advance charges are made on the cost or value of property,—right to take damaged property on payment of invoice price,—emigrant movables not articles for speculation,—when goods become the property of consignee,—right to transfer en route,—when special rates are quoted, freight department must be notified if accepted,—freight to be paid before delivery,—meaning of too large to load in box car,—claims, how presented.

PASSENGERS.

Ticket rates, by whom fixed,—privileges of unlimited first-class tickets, limited first-class tickets, and second-class tickets,—ages of children when half fare and free tickets are issued,—duty of conductor when tickets are issued “not transferable,”—when tickets that have not been used are redeemable,—stop-over checks must be had when holder’s ticket allows it,—the result of lost ticket,—when passenger should pay conductor’s claim.

BAGGAGE.

Number of pounds allowed free in the United States and England,—weight when baggage is not checked,—duties of baggagemen,—precaution in having name marked on trunk.

RAILWAY SIGNAL CODE.

Whistles and hand signals,—colored flag and lantern signals,—torpedoes. (The code here referred to has been superseded by the adoption of a new code by many roads having a considerable mileage, and which is referred to in order in this summary.)

FREIGHT EQUIPMENT.

Tables showing the various sizes of the different kinds of cars in use on all railways having a gauge of 4 feet 8½ inches, 4 feet 8¾ inches, and 4 feet 9 inches. These tables show the capacity of cars in pounds or cubic feet. The measured capacity of flat cars is computed 1 foot above platforms, and a rule is given to determine their cubic capacity any number of feet above 1 foot.

MILEAGE OF FREIGHT CARS.

Common consent has established rates for the use of freight cars when transferred from one road to another.

TRADE MARKS.

Trade marks adopted by sundry railway companies are illustrated in colors,—protection of same by Act of Congress,—time allowed to run before renewal is necessary.

READY FREIGHT CALCULATOR—POUNDS.

Tables are so computed and arranged that the answer in dollars and cents is at once shown on any number of pounds, and at any given rate per 100 pounds, or per ton.

FOREIGN COINS.

Tables relating to coins, giving their legal weight, fineness, and the number of grains of pure metal (gold or silver) contained in the coins of different denominations of the United States, England, France, Germany, South American Republics, and Japan. The United States standard value of 1 ounce of gold 1000 fine is also given, enabling any one to calculate the value of gold coins, bars, or ingots, of any fineness. Illustrations of many of the above coins are given.

STERLING EXCHANGE.

Showing the value of 1 shilling and 1 penny at the various fluctuations of 1 pound sterling,—pounds sterling reduced to Custom House standard, at the rate fixed by the United States Revised Statutes. Table shows the value in United States currency from 1 shilling to £10,000 at the valuation fixed as above.

FRANC, ETC.

Table shows the value in United States currency of 1 franc of France, Switzerland, and Belgium, lire of Italy, drachma of Greece, and peseta of Spain; and, also, the value in United States coin from 1 franc, lire, drachma, and peseta to 2000 francs, lire, etc., based upon the valuation established by Revised Statutes.

MARK.

Mark of Germany reduced to Custom House standard, showing the value in United States currency from 1 to 2000 marks.

CROWN OF DENMARK, NORWAY AND SWEDEN.

Table showing the value in United States currency from 1 to 2000 crowns.

THE METRIC SYSTEM.

Showing its adoption for the purposes of commerce by France, Germany, Spain, Italy, Portugal, Holland, Belgium, Mexico, Switzerland, Austria, Denmark, Greece, Brazil, Great Britain, United States, and a majority of the South American Republics,—tables of length, capacity, and weight as authorized by United States Revised Statutes,—table giving the value in avoirdupois pounds from 1 kilo to 1000 kilos or kilograms.

FOREIGN WEIGHTS.

Foreign weights, length, measures of capacity (both liquid and dry) reduced to United States values.

INFORMATION FOR IMPORTERS.

Dutiable and non-dutiable merchandise into and through the United States,—when in bond without appraisement, and when in bond with appraisement,—when goods may be forwarded to destination,—manner of consignment,—bills of lading necessary,—invoices on dutiable goods, of value not under \$100, must be accompanied by consular invoice,—table of long ton weight.

WAGE TABLES.

Computed on the basis of 24, 25, 26, 27, 28, 29, 30, and 31 days per month, at any given number of dollars per month.

MISCELLANEOUS TABLES.

Measures of Capacity,—Shipping Admeasurement,—Capacity of Barrels,—Comparative Measures of Capacity,—United States Lumber Tables,—Dry Measure,—Long Measure,—Circular Measure,—Surveyors' Measure,—Square Measure,—Time Measure,—Coth Measure,—Shipping Measure,—Nautical Measure,—Troy Weight,—Avoirdupois Weight,—Apothecaries' Weight,—Liquid or Wine Measure.

IRON.

Articles of,—weight per foot of flat, square, and round bar iron, and rules for finding weight of same,—cut spikes, average number per pound—weight of angle irons per foot of various sizes,—boat, railroad, and ship spikes, number per pound, and number per 100 pounds of ship and hook spikes,—nails, clinch, finishing, and cut, number per pound of various sizes—tacks, number per pound, all sizes,—weight of sheet and plate iron per square foot,—weight per sheet of Russia iron,—yards of iron wire per bundle,—strength and weight per fathom of chain and chain cables, and weight per foot of coil chains,—weight of wire per 100 feet,—average weight of springs and axles, and axles per set,—thickness and weight of boiler iron,—boiler rivets, weight per 100,—weight and strength of wire rope,—weight and dimensions of lap-welded boiler flues,—weight and dimensions of wrought pipe for gas and steam,—number of nuts and washers per 100 pounds, standard sizes.

STEEL, COPPER, AND LEAD.

Weight per foot of round, square, and octagon bar steel—copper bell rivets and burrs, number in one pound,—weight per foot of lead pipe,—weight per foot of round bar copper and brass,—size and weight per sheet of sheet copper.

MISCELLANEOUS.

Glass in brackets, number of pounds,—weight per square yard of sheet rubber packing,—number of lights of glass per box of 50 feet, all sizes, size and weight of rope.

SUNDRY RULES.

Wine and Beer Measure, rule for computing—to find the number of bushels of grain in a car,—to measure corn in crib,—to find length of belting,—to find the weight of grindstones,—to find circumference of a circle,—to find diameter of a circle,—to find area of a circle,—to find cubic contents of a cylinder,—to find contents of round tanks,—capacity in gallons of wells and cisterns,—number of pounds per roll and yard of various kinds of bagging.

ORIGIN OF RAILWAYS.

When first operated in England,—date of the laying of the first rail in the United States by the Baltimore and Ohio Railroad,—number of miles in operation in 1830, and at the expiration of every decade up to 1890.

RAILWAY CAPITALIZATION.

Showing the amount of capital invested in railways in America, Europe, Asia, Africa, and Australia,—cost of construction in all countries as compared with the cost in the United States,—States of North America arranged in groups according to the Interstate Commerce Commission classification, indicating the difference in cost of construction in the different groups, being the result of physical characteristics, the value of labor, and the cost of material and supplies,—tables showing the railway capital of the United States and mileage as reported by Mr. Henry C. Adams, statistician for the Interstate Commerce Commission,—also, the total capitalization, stocks, bonds, and other forms of indebtedness for all railways in this country,—showing the amount in dividends paid on railway property operated in the various groups, and the per cent paid by all railways in the United States,—table indicating by groups the final net earnings available for dividends,—amount paid as interest on railway capital,—total net earnings and interest payments,—value of railway property per mile of line, computed at 5% on basis of earning capacity.

GOVERNMENT OWNERSHIP AND CONTROL OF RAILWAYS.

The idea that railroads were simply public highways, over which individuals might transport passengers and freight, under government control, an exploded theory,—only a small portion of the railway mileage of the world under government ownership,—States which undertook the construction and management of railways,—the Granger movement, its object, purposes, and results,—the advisability of governmental supervision generally recognized.

THE THEORY OF RAILWAY RATES.

Rates to be just and reasonable,—various conditions to be considered in fixing of rates,—the right of the State to regulate the public use of property does not mean the power to destroy it,—the interest of the public in nearly all property,—the rule to “charge what the traffic will bear,” conforms to the principles of commerce and the laws of trade,—the theory of imposing an average mileage rate on every ton of freight carried,—the underlying principles governing the fixing of rates,—the relation between railway expenses, transportation rates, and volume of traffic moved, illustrated,—the actual relation between freight rates and the volume of traffic is shown in diagrams.

TABLES SHOWING COMPARATIVE SUMMARY OF ITEMS BY GROUPS.

Such as gross earnings and operating expenses per mile of line,—number of locomotives and men employed per 100 miles of line,—passenger and freight mileage per mile of line,—revenue per passenger per mile,—revenue per ton per mile,—percentage of passenger and freight earnings to total earnings,—value of railway property per mile, etc.

ORGANIZATION OF RAILWAY MANAGEMENT.

The older methods abolished,—the tendency to divide the working force into specialties,—diagram showing lines of responsibility.

RAILWAY EMPLOYEES.

Tables showing the class, number of each class, and number employed in the United States per 100 miles of line,—distribution of employees by groups.

CONDUCTING TRANSPORTATION AND TRAIN SERVICE.

The form of diagram or "time-board" used in preparing time-tables,—explanation of use of same,—duties of train-dispatcher,—form of telegraphic train register.

SIGNAL RULES.

General Signals, Train Signals, Whistle Signals, Bell-cord Signals, Lamp Signals,—rules governing the use of signals,—Fixed Signals. All of which are illustrated.

STATION SERVICE.

Maintenance of way and structures,—table indicating the resistance of railway trains,—loaded cars,—dimensions; weight, and capacity of car carrying 12-inch gun from Washington to San Francisco,—table indicating the cost of locomotive service in the different parts of the United States,—equipment of all railroads in the United States, as reported by the Interstate Commerce Commission,—automatic car couplers,—train brakes,—auxiliary train brake appliances,—water brakes.

COMPARATIVE TESTS OF FUEL.

Simple and compound engines, both on passenger and freight service,—plates indicating grade system,—diagram of steamship organization, showing lines of responsibility.

PREFACE.

IN submitting this work for the approval of the public it has been my aim to present, in as condensed form as possible, such facts as will aid common carriers to adjust rates satisfactorily to the merchant and consumer and tend to facilitate and lessen the labor of those employed in the interests of our land and water transportation, as well as presenting such data as will enable the merchant to make fair comparisons and arrive at legitimate conclusions as regards the shipment of merchandise either by weight or measurement.

In its various departments the work will also be found practically useful to the mechanic, artisan, farmer, and all persons engaged in active business.

That portion of the work relating to the comparisons of weights and measurements of merchandise is the result of labor extending through many years and will be found as near accurate as the nature of the case will admit.

The basis on which some of the calculations are made, such as stone and other similar articles, is taken from standard authorities.

P. W. JOHNSON.

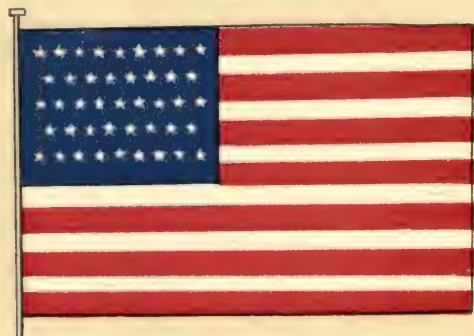
SAN FRANCISCO, CAL., September, 1892.



National Colors

WORN BY ALL

UNITED STATES VESSELS.



ENSIGN.

UNION JACK.

REVENUE FLAG.



The International Code of Signals.

Prior to the beginning of the present century, various methods were employed for communicating intelligence at sea. About the year 1800 a system of signaling by means of flags was devised for use in the British merchant service. Fifty years later, at least ten different signal codes had been invented, the system known as Marryat's being generally used. By reason of the confusion arising from the employment of so many methods, the British Board of Trade in 1855 appointed a committee to inquire into and report upon the subject of a code of signals to be used at sea.

The report of this committee, made a year later, accompanied by a Signal Code having for its object "to supply means of communication between ships of all nations and languages at sea," was favorably received by the British Government, and what is now known as the "International Code of Signals" has since been adopted by the following nations, for use of national as well as merchant ships:

England, France, Germany, Russia, Brazil, Italy, Austria, Holland, Spain, Sweden and Norway, Denmark, Belgium, Portugal.

Although in general use by vessels of the United States as well as other countries, our Government has not yet formally recognized the "International Code."

The Code is practically adopted, however, and from its completeness and the general favor which it receives, appears to meet the present demand of maritime people, and is gradually becoming the recognized signal language of the seas.

"No system yet devised will convey signals which can be perfectly and readily understood under *all* circumstances, and this Code can only be made available and practically useful by being thoroughly understood by ship-masters and other officers on shipboard. It is therefore indispensable that masters and all subordinate officers acquaint themselves fully with the entire details and practical workings of the 'International Code,' to enable them to transmit and comprehend all signals made as far as circumstances will allow."

DESCRIPTION.

The "International Code of Signals" consists of eighteen flags, all but four of which are the same as those used in "Marryat's Code," as follows:

1 Burgee, 4 Pennants, 13 Square flags, besides 1 *Code Signal* or *Answering Pennant*.

"The flags represent 18 consonants—B, C, D, F, G, H, J, K, L, M, N, P, Q, R, S, T, V, W—each of which has its special flag or pennant of

varied forms and colors, as seen in the accompanying diagram;" and it is by a combination of 2, 3, or 4 flags in one hoist that arbitrary signs are made which represent words and sentences of the same meaning in all languages.

The combinations of flags forming the entire series of signals must be sought for accordingly in deciphering a signal.

The four-letter combinations from G, Q, B, C to W, V, T, S, are reserved for this purpose. Signals from G, Q, B, C to G, W, V, T—1440 combinations—are appropriated to men-of-war and Government vessels, and H, B, C, D to W, V, T, S—53,040 combinations—are used for merchant ships of each nationality. The ensign, which must be hoisted at the peak, denotes the nation in whose ship-list the name answering to the signal letters is to be found, and the Code Pennant, hoisted under the ensign, indicates that the "International Code" is to be used.

SIGNALING.

Flags for making a signal should be hoisted at the mast-head, or where best seen.

The Code Pennant and Pennants C and D alone are used singly and have the following significations:

The Code Pennant is the answering Pennant.

The Pennant C is Yes.

The Pennant D is No.

The above are the only signals *made with single flags*. The *two, three, and four-flag* signals have each a distinct signification, which is further indicated by the character of the top flag, thus:

Signals of 2 flags, with the *Burgee* uppermost, are attention signals; with a *Pennant* uppermost, compass signals; and with the *Square flag* uppermost, danger or distress signals.

Signals of 3 flags relate to general subjects of communication, including latitude, longitude, and time.

Signals of 4 flags, with the *Burgee* uppermost, are geographical signals; with the *Pennant C, D, or F* uppermost, are spelling or vocabulary signals; with the *Pennant G* uppermost, are names of men-of-war; and with a *Square flag* uppermost, are the names of merchant ships.

It is not expected that the range of signals will allow the use of a special token or signal for each merchant vessel and each man-of-war of separate nations; and in case of the same group being assigned to two vessels of different nationalities, the nationality of the vessel can be determined by her ensign, which must, *in all cases*, be first hoisted, and which will indicate the nation in whose ship-list the name answering to the signal is to be found.

When a signal is seen and no national ship-list corresponding to the ensign shown is at hand, the signal, the nationality, the latitude, the longitude, and the date should be recorded for further communication or reference.


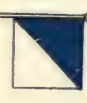






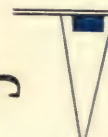
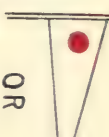
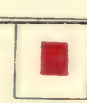














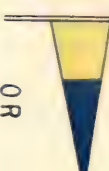





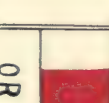
Some examples illustrating the manner of displaying the flags (in a hoist) are introduced from the official danger or distress signals used by the United States Coast Signal Service, and the "cautionary storm signals."

"CODE SIGNAL" AND "ANSWERING PENNANT."



A

NOTE.—When used as the "Code Signal," this pennant is to be hoisted under the ensign; when used as the "Answering Pennant," where best seen.

Q 	J  OR 	B 
R  OR 	K  OR 	C  OR 
S  OR 	L  OR 	D  OR 
T  OR 	M 	F  OR 
V 	N  OR 	G  OR 
W  OR 	P  OR 	H  OR 



UNITED STATES SIGNAL SERVICE STATION AT LIFE-SAVING STATIONS.

The following flag thus—



shown over any station-number flags, will be used to designate a full signal station of the United States, from which any communication received will be transmitted by telegraph to destination. This flag will always be hoisted above the station-number flags when the station number of such full station is shown, thus:



Any message signaled by the International Code, received at telegraphic signal stations, will be transmitted and delivered to the address on payment, either at the station or at place to which addressed, of the telegraphic charge. All messages received from or addressed to the War, Navy, Treasury, State, Interior, or other official Department at Washington, are telegraphed without charge.

Ships' official numbers, shown and recognized at stations thus designated, are reported to Washington by telegraph.

The flag flown below the United States national colors indicates a full signal station connecting by telegraph, but not a life-saving station.

General messages to be telegraphed will be taken only at stations flying either three flags, as first given above, or the American flag with the distinctive "Signal Service Flag," as above stated.

The distinctive Signal Service flag flown ALONE indicates a United States Signal Service station anywhere, not necessarily, however, connecting by telegraph.

CAUTIONARY, STORM AND DIRECTION SIGNALS OF THE SIGNAL SERVICE.

To adapt the signals to the varying interests of the maritime community, the new system will take into consideration the fact that westerly winds of high velocity with clearing weather are less dangerous than those from easterly quarters with freezing weather.

Along the Atlantic, Pacific, and Gulf coasts, and on the Great Lakes, there

will be displayed, as storm conditions may demand, day signals of two kinds :

1. A cautionary signal, a yellow flag with a white centre, will indicate that the winds expected are not so severe but well-found and seaworthy vessels can meet them without great danger.

2. A storm signal, a red flag with a black centre, will indicate that the storm is expected to be of more marked violence.

In order to afford the public as exact information as possible regarding the relative position of the storm and the winds expected, two pennants will be displayed. A red pennant will indicate that the winds are to be easterly, that is, from northeast to *south*, inclusive, and that the storm centre is approaching. The white pennant will indicate westerly winds, that is, from *north* to southwest, inclusive, and that the storm centre has passed. While it is intended that the pennant shall indicate positively only whether the winds will be easterly or westerly, yet, in order to give still more definite information, the red or easterly pennant will be displayed above the cautionary or storm signal for winds from the northeast quadrant, and below for winds from the southeast quadrant. In like manner, the white pennant, while indicating westerly winds alone, will show by its position above the cautionary or storm signal that northwesterly winds are probable, or, by being below, that they will be from the southwest quadrant.

In view of the difficulty of varying night signals, they will not distinctively show the force, but indicate the wind direction only; a red light for easterly winds, and a red and white light for westerly winds.

3. COMPOSITION OF DISTANT SIGNALS.—Thus, while the ordinary signals (*Int.*) for short distances consist of two, three, or four flags, according to the number of letters in the signal to be shown, the Distant Signals, on the contrary, require to be made by two, three, or four *combinations* of balls, flags, and pennants. Commonly, the combination for each letter is hoisted successively under the gaff or at a mast-head, until the two, three, or four letters, as the case may be, of the signal are shown; then, in order to show that the signal is complete, the Ball alone is hoisted, which in this use of it is called the *Stop*. The ship signaled to makes the *answering* signal, by hoisting a Ball alone, for each combination in the signal.

Sometimes, where the masting of the ship renders it practicable, in order to accelerate the communication, the several combinations are hoisted simultaneously, in accordance with the following rule:

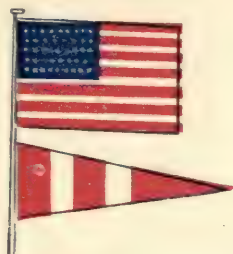
“Hoist the several combinations, two, three, or four as may be required, showing in this case—

The 1st letter upon the *fore-mast*,
The 2d letter upon the *main-mast*,
The 3d letter upon the *mizzen-mast*,
The 4th letter under the *gaff*;

the signal being always read from fore to aft.”

In either case, the ship signaled to answers by hoisting the Ball to show that it has received and understood the signal.

To open communication by this Code, show the ensign with the following pennant under it, thus :



This signal is acknowledged on the coasts of the United States by showing the same pennant (as given above) *alone*.


This pennant, hoisted alone, also means, when signaling, "Signals seen and understood," and is to be shown in answer to every signal as soon as such signal has been seen and recognized.

Communication may then be commenced, and any message found in the International Code Signal-book may be exchanged, strictly following the INTERNATIONAL COMMERCIAL CODE and the instructions here given below.

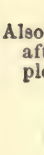
The above signal, asking to open communication, should be shown in every case of distress by the shore station, for it may be that the vessel has the INTERNATIONAL CODE, but, until seeing this signal, will not know she can use it.

GENERAL ALPHABETICAL TABLE FOR COMPOSING DISTANT SIGNALS.


Preparatory and Answering Signal.


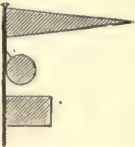





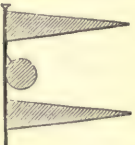
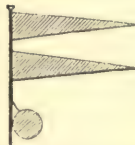




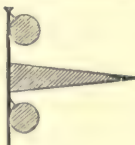






Also the "Stop" after each complete signal.

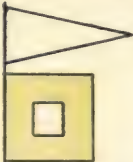
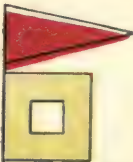
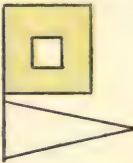
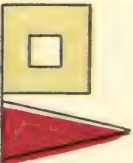


Annuling Signal, affecting the last preceding.







B <div>  </div>	J <div>  </div>	Q <div>  </div>
C <div>  </div>	K <div>  </div>	R <div>  </div>
D <div>  </div>	L <div>  </div>	S <div>  </div>
F <div>  </div>	M <div>  </div>	T <div>  </div>
G <div>  </div>	N <div>  </div>	V <div>  </div>
H <div>  </div>	P <div>  </div>	W <div>  </div>

CAUTIONARY AND STORM SIGNALS—ATLANTIC, PACIFIC, AND GULF COASTS OF THE UNITED STATES.

 <p>Northwesterly winds.</p>	 <p>Northeasterly winds.</p>
 <p>Southwesterly winds.</p>	 <p>Southeasterly winds.</p>

Cautionary Signals.—Winds expected are not so severe as to be dangerous to well-found and seaworthy vessels.

FLAGS, 8 FEET SQUARE. PENNANTS, 5 FEET HOIST, 12 FEET FLY.

 <p>Northeasterly winds.</p>	 <p>Northwesterly winds.</p>
 <p>Southwesterly winds.</p>	 <p>Southeasterly winds.</p>

Storm Signals.—Winds expected are of such a character as to be dangerous to all classes of vessels.

Night Signals.—Red light, easterly winds; red and white lights, westerly winds.

WEATHER SIGNALS.



Clear or fair. Rain or snow. Temp. signal. Cold wave.

No. 3 refers to temperature. When placed above No. 1 or 2, it indicates warmer weather; when placed below No. 1 or 2, it indicates colder weather; when not displayed, the indications are that the temperature will remain stationary. No. 4 is not displayed unless a temperature of 45 degrees or lower is expected. When No. 4 is displayed No. 3 is always omitted.

A SELECTION OF SENTENCES FOR THE USE OF VESSELS MEETING AT SEA.

NOTE.—Vessels should be prepared to make the following signals—the answering pennant need not be used. On reading A's name, B should hoist her's, and so on. A should not haul down till she understands B's hoist, when both should haul down together. Passing ships will do well to adopt this plan :

Ship's name.

Where bound.

My longitude by

Where from.

No. of days out.

chronometer is —.

The ensign should follow for farewell.

SUBJECT	SIGNAL	SENTENCE
Assistance.	HVR FCVK HVJ FBW FCP	What do you want? I am in want of —. Do not want. I want a doctor or surgeon. No doctor or surgeon.
Boat.	JBT JCN	Send a boat on board. I will send a —
Chronometer.	CPBQ CPBN GHR	What is your longitude by chronometer? My longitude by chronometer is —? Wish to get a rate for my chronometer.
Commands.	CPQW CPRB	Have you any commands? I have no commands.
Communicate.	HP BWF BJ	Close, I have something to communicate. Any news? Hoist your distinguishing signal.
Flag of Signals.	CWF QF CWJ CWJF	Signal not understood. Cannot distinguish signal-flags. You have misunderstood the signal. Your flags are not clear.
Letters.	BRM BSM	Will you forward my letters? Send your letters.
Longitude.	CPBQ CPBN	What is your longitude by chronometer? My longitude by chronometer is —.
Port from and to	BNW BPF	Where are you from? Where are you bound?
Report.	BPW POG PDS SDQ	Do you wish to be reported? Report me to my owners. Report me to Lloyd's agent. Report me to Shipping Gazette.
Supply.	HWM HWT JBF	Can you supply me with —? I can supply you. Cannot supply you.
Time.	GRL GRK KBM CRKP	Will you show your Greenwich mean time? My Greenwich mean time is —.* What was the date of your departure? Out — days (as indicated).
Winds.	BPS BPT	Where did you lose the trades? Where did you fall in with the trades?
Affirmative.	VJD	Yes.
Negative.	VMB	No.

*The vessel answering should hoist the hour signal and dip it sharply about a minute after it is answered. The minutes and seconds, if any, at the instant of dipping, will immediately follow.

GENERAL SIGNALS.

With several ships in company, the attention of a particular ship whose name is unknown may be called by the attention signal.

ATTENTION OR DEMAND SIGNALS.

BC	Show your ensign.
BD	What ship is that?
BF	Vessels, just arrived, show your distinguishing signals.
BG	Vessels just weighed (<i>or leaving</i>) show your distinguishing signals.
BH	Vessels that wish to be reported all well, show your distinguishing signals.
BJ	Show your distinguishing signal—to —.
BK	Attention. Pay attention.
BL	Calls the attention of the first or nearest ship on the bearing (<i>from the person signaling</i>) pointed out by compass signal.
BM	“ second “ “
BN	“ third “ “
BP	“ fourth “ “
BQ	“ fifth “ “
BR	“ sixth “ “
BS	“ shore signal station “ “
BT	“ vessel coming into the anchorage, bearing pointed out by compass signal.
BV	“ vessel leaving the anchorage. “
BW	“ vessel whose distinguishing signal will be immediately shown.

COMPASS SIGNALS.*

CB	North	DB	East	FB	South	GB	West
CD	N ½ E	DC	E ½ S	FC	S ½ W	GC	W ½ N
CF	N by E	DF	E by S	FD	S by W	GD	W by N
CG	N by E ½ E	DG	E by S ½ S	FG	S by W ½ W	GF	W N W ½ W
CH	NNE	DH	ESE	FH	SSW	GH	W N W
CJ	NNE ½ E	DJ	SE by E ½ E	FJ	SSW ½ W	GJ	NW by W ½ W
CK	NE by N	DK	SE by E	FK	SW by S	GK	NW by W
CL	NE ½ N	DL	SE ½ E	FL	SW ½ S	GL	NW ½ W
CM	NE	DM	SE	FM	SW	GM	NW
CN	NE ½ E	DN	SE ½ S	FN	SW ½ W	GN	NW ½ N
CP	NE by E	DP	SE by S	FP	SW by W	GP	NW by N
CQ	NE by E ½ E	DQ	SSE ½ E	FQ	SW by W ½ W	GQ	NNW ½ W
CR	ENE	DR	SSE	FR	WSW	GR	NNW
CS	ENE ½ E	DS	S by E ½ E	FS	W by S ½ S	GS	N by W ½ W
CT	E by N	DT	S by E	FT	W by S	GT	N by W
CV	E ½ N	DV	S ½ E	FV	W ½ S	GV	N ½ W
CW	†——(1)	DW	†——(2)	FW	†——(3)	GW	†——(4)

*Unless the contrary is indicated, the bearings are always to be understood as compass bearings; i. e., bearings that would be shown by a compass free from any local attraction.

†(1) Meteorological report for to-day gives "Moderate Winds" in direction (*indicated*).

(2) " " to-morrow gives " " " "

(3) " " to-day gives "Winds Variable" between the points (*indicated*).

(4) " " to-morrow gives " " " "

DANGER OR DISTRESS SIGNALS.

ASSISTANCE.		DIRECTIONS TO A VESSEL UNDER WEIGH.—Continued.	
HB	Want immediate assistance.	JW	Heave to. Stop her instantly.
HC	Vessel indicated wants immediate assistance.	KB	Heave all aback. Go astern.
HD	No assistance can be rendered.	KC	Shorten sail; it is not safe to go so fast. Ease her.
HF	We are coming to your assistance.	KD	Stand on.
BOATS.		KF	Bear up instantly.
HJ	Boat, or life-boat, cannot come.	KG	Wear instantly.
HK	Boat in distress.	KH	Not room to wear.
HL	Do not attempt to land in your own boats.	KJ	Get her on the other tack, or you will be on shore.
HM	Man overboard.	KL	Haul your wind on starboard tack.
COMMUNICATE.		KM	Haul your wind on port tack.
HP	Close; I have important intelligence.	KN	Keep to windward.
HQ	Allow no person on board. Allow no communication.	KP	Bar impassable.
HR	Be very careful in your intercourse with strangers.	KQ	Channel has altered; do not try it.
DAMAGE OR ACCIDENT.		KR	Dangerous without a pilot.
HT	Damaged or sprung mast; cannot carry sail.	KS	Buoys, or marks, are not in their proper position.
HV	Damaged rudder; cannot steer.	KT	Port the helm. <i>(To be kept flying until the course is sufficiently altered.)</i>
HW	Engine, or machinery, disabled.	KV	Starboard the helm. <i>(Ditto.)</i>
JB	Accident; want a surgeon.	KW	Leave the buoy or beacon to port.
DANGER OR CAUTION.		LB	Leave the buoy or beacon to starboard.
JD	You are standing into danger.	LC	Steady the helm.
JF	You are in a dangerous or unsafe position.	LD	Steer after me.
JG	You are within reach of the guns, or of batteries.	LF	Keep on the port shore, or side of channel.
JH	It is dangerous to allow too many people on board at once.	LG	Keep on starboard shore, or side of channel.
JK	The attempt is dangerous.	LH	Keep in the centre of the channel.
JL	Appearances are threatening; be on your guard.	LJ	Do not anchor on any account.
JM	Stranger <i>(or vessel indicated)</i> is suspicious.	LK	Do not come into less than — feet.
JN	War between — and —.	LM	The berth you are now in is not safe.
JP	Heavy weather coming; look sharp.	LN	Run on the beach. Beach the vessel.
JQ	Important commercial failures.	LP	Anchor instantly.
JR	Torpedoes.	DIRECTIONS TO A VESSEL AT ANCHOR.	
DIRECTIONS TO A VESSEL UNDER WEIGH.		LR	Weigh, cut, or slip; wait for nothing.
JS	Stand off; get an offing.	LS	Put to sea at once; get an offing.
JT	Tack instantly.	LT	Ride it out if possible.
JV	Make more sail. Keep the steam up. Keep the vessel under command.	LV	Shift your berth; your berth is unsafe.
		LW	Cut away your masts.
		MB	Beach your vessel at all risks.
		MC	Should you part, beach where people are assembled, or by compass signal from you, as will be pointed out.
		MD	Do not hold on to your anchors, but let her beat up on the beach.
		MF	Hold on until high water.
		MG	You will be aground at low water.
		MH	Lose no time in shoring up.
		DIRECTIONS FOR SAVING CREW.	
		MK	Remain by the ship.
		ML	Quit the vessel as fast as possible.
		MN	Do not quit the ship until the tide has ebbed.
		MP	Landing is impossible.

DANGER OR DISTRESS SIGNALS.—Continued.

DIRECTIONS FOR SAVING CREW.— <i>Continued.</i>		WANTS.—Continued.	
MQ	Look out for a line.	PT	Want (or wants) a pilot; can one be obtained? (Answer "Yes" or "No.")
MR	Endeavor to send a line.	MISCELLANEOUS.	
MS	Do the best you can for yourselves; no assistance can be given.		
MT	Look-out will be kept on the beach all night.		
MV	Lights or fires will be kept at the best place for coming on shore.	QB	Enquires Name of Signal Station.
MW	Keep a light burning.	QC	Repeat your Signal, or place it in a more conspicuous position. It is not understood.
DISTRESS.		QD	Repeat Signal from Word (indicated).
		QF	Cannot make out your Flags come nearer, or make Distant Signals.
NC	In distress; want assistance.	QG	I am going to repeat Signal from Word indicated.
ND	I must abandon the vessel.	QH	Stop, or leave to; I have something important to communicate.
NF	Do not abandon me.	QJ	Asks for Meteorological Weather Report for to-day.
NG	I am unmanageable.	QK	Asks for Meteorological Weather Forecast for to-morrow.
NH	I am in danger, or shoal water; direct me how to steer.	QL	Asks precise hour of highest water and minimum depth at that time. N.B.—Reply will be by: 1. A time Signal (see GRM, etc.) 2. A numeral Signal (see VSB, etc.) indicating number of feet.
NJ	I am driving; no more anchors to let go.	QM	Have you any message or telegraphic communication for me?
NK	I am attacked; want assistance.	QN	I wish to obtain orders from my Owners. Mr. —, at —. N.B.—This Signal is to be followed by: 1. Vessel's distinguishing Signal (if not already made). 2. Owner's Name (see "Spelling Table," CBDF, etc.) 3. Owner's Residence (see "Spelling Table" if not in "Geographical Table.")
FIRE.		QP	Ship desires to be reported by Telegraph to Owner, Mr. —, at —. (See directions above.)
		QR	Send following Message by Telegraph to Owners, or to —, at —. (See directions above.)
NM	I am on fire.	QS	Forward reply to my Message by Telegraph to Signal Station (indicated).
NP	Fire gains rapidly; take people off.	QT	Send my Message by "Signal Letters" instead of writing it at length.
NQ	With immediate assistance fire can be extinguished.	QV	Make for the Port indicated (Name to follow.)
LEAK.		QW	You may work the Semaphore.
		RB	Send the following Message by post to Owners, or to Mr. —, at —.
NS	I have sprung a leak.	RC	Send following Message through the post to Owners, or to Mr. —, at —, by "Signal Letters" instead of at length in writing.
NT	Leak is gaining rapidly.	SB	Following Signal (or communication) is in Cipher.†
NV	I am sinking.	SC	Give me the Key to Cipher.‡
LIFE BUOY.		SD	Cipher is ended.
WANTS.			
PB	Want (or wants) immediate assistance.		
PC	Want (or wants) assistance; mutiny.		
PD	Want (or wants) immediate medical assistance.		
PF	Want (or wants) boat (or boats) immediately.		
PG	Want (or wants) boat; man overboard.		
PH	Want (or wants) food; starving.		
PJ	Want (or wants) coal immediately.		
PK	Want (or wants) an anchor.		
PL	Want (or wants) an anchor and cable.		
PM	Want (or wants) a warp run out.		
PN	Want (or wants) a steam-tug.		
PQ	Want (or wants) two steam-tugs.		
PR	Want (or wants) immediate instructions.		
PS	Want (or wants) hands.		

† The Cipher will continue until the person signaling hoists SD.

‡ This may be prearranged to be given by a letter or by a numeral.

DISTRESS AND PILOT SIGNALS.

SIGNALS OF DISTRESS.

IN THE DAY-TIME. — The following Signals, numbered 1, 2 and 3, when used or displayed together or separately, shall be deemed to be signals of distress in the day-time :

1. A gun fired at intervals of about a minute.
2. The International Code Signal of Distress, indicated by NC.
3. The Distant Signal, consisting of a square flag having either above or below it a ball, or anything resembling a ball.

AT NIGHT. — The following Signals, numbered 1, 2 and 3, when used or displayed together or separately, shall be deemed Signals of Distress at night:

1. A gun fired at intervals of about a minute.
2. Flames on the ship (as from a burning tar-barrel, oil-barrel, etc.)
3. Rockets or shells, of any color or description, fired one at a time, at short intervals.

SIGNALS TO BE MADE BY SHIPS WANTING A PILOT.

IN THE DAY-TIME. — The following signals, numbered 1 and 2, when used or displayed together or separately, shall be deemed to be Signals for a Pilot in the day-time :

1. To be hoisted at the fore, the Jack or other National color usually worn by merchant ships, having round it a white border one-fifth of the breadth of the flag ; or
2. The International Code Pilotage Signal, indicated by PT.

AT NIGHT. — The following Signals, numbered 1 and 2, when used or displayed together or separately, shall be deemed to be Signals for a Pilot at night :

1. The pyrotechnic light, commonly known as the blue light, every fifteen minutes ; or
2. A bright white light, flashed or shown at short or frequent intervals just above the bulwarks, for about a minute at a time.

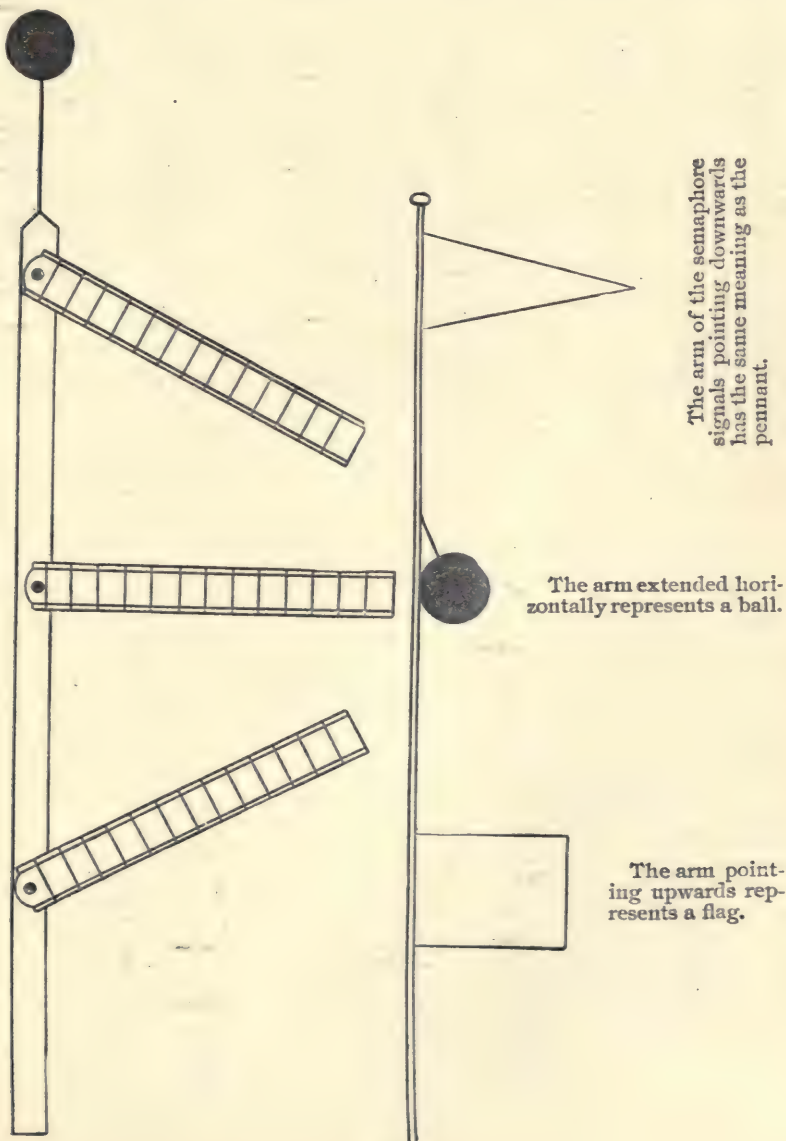
Semaphores.

There are many semaphores established on the French, Italian, Portuguese, and some on the Spanish and Austrian coasts, where only the International Code of Signals is now used.

Passing ships are able to exchange communications with the semaphores, and when required their messages are forwarded to their destination according to the fixed tariff.

The disc at the top of the semaphore signal mast remains in position shown while signals are being made by the Code.

The semaphore signals must be read off as distance signals, as shown below.



The semaphoric apparatus consists of a mast thirty or forty feet in height, above surrounding objects. Three *Arms* for free motion, one above another. The top of the mast is furnished with a stem, jointed at bottom to the mast, terminated above by a circular *Disc*. The whole may be turned about at pleasure.

The alphabetical value of each combination is shown in the subjoined *Semaphoric Alphabet*, and corresponds to the Alphabet of Distant Signals.

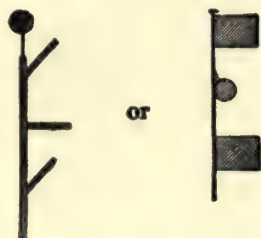
Semaphoric Alphabet.

B	F	J	M	Q	T
C	G	K	N	R	V
D	H	L	P	S	W

A series of two, three, or four combinations, in the order in which they are transmitted, gives a complete signal.

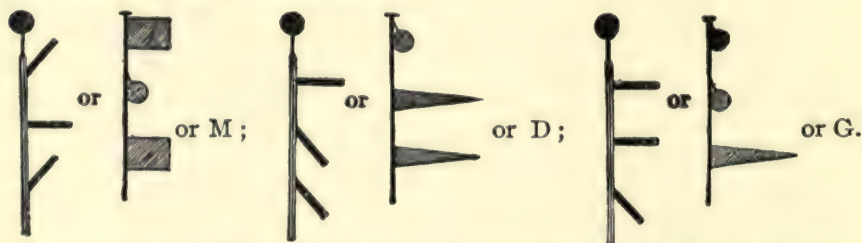
Examples.

1. Signal of a single combination :



Signifies : "*Want a Tug ; can I have one ?*"

2. Signal of several combinations :



Signify : MDG, "*Leave the Buoy or Beacon to Port.*"

Rig of Various Vessels.

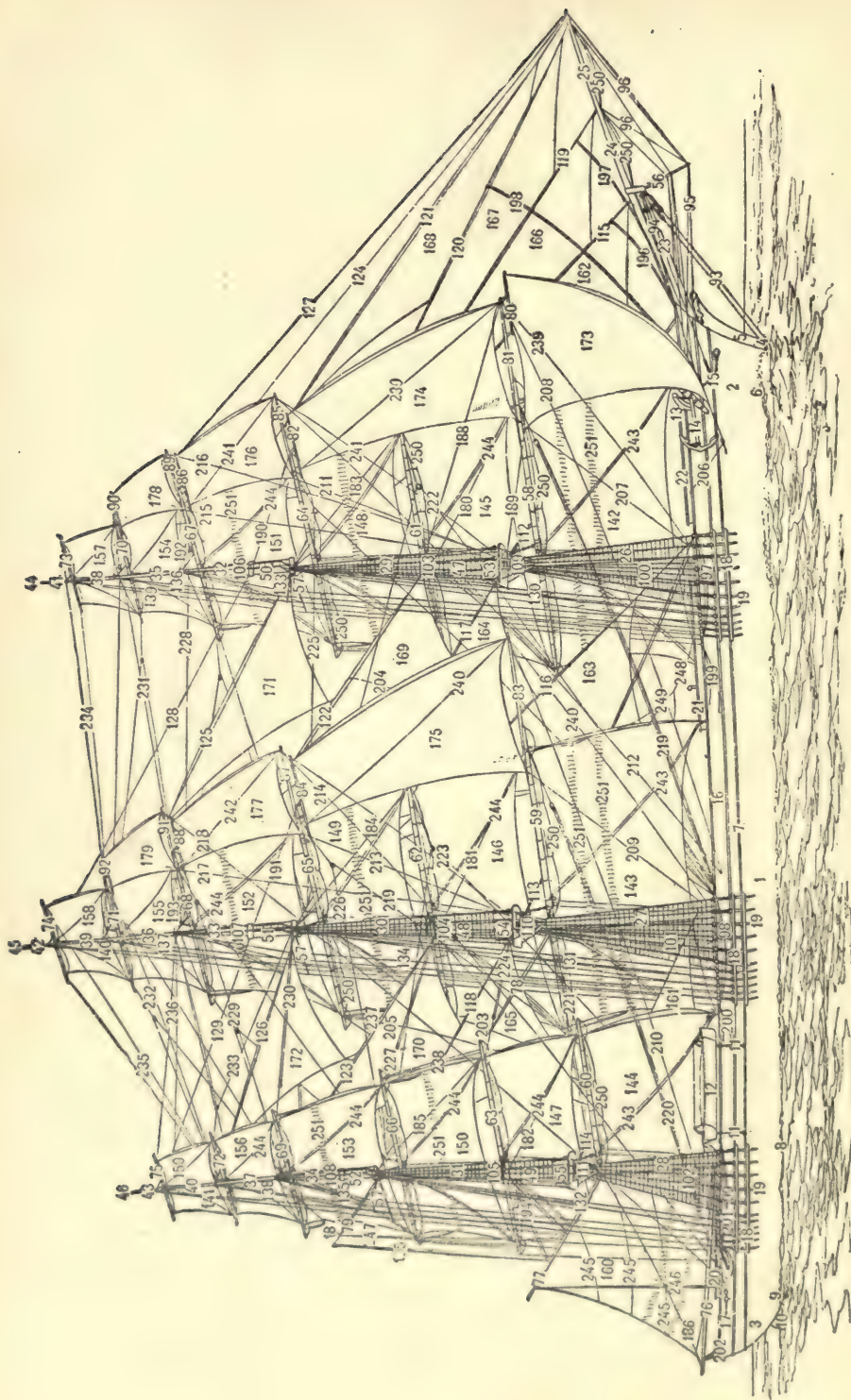
The term *rig*, when applied to vessels, generally refers to the number and kind of masts and style of sails that are carried, but the term is also sometimes used indiscriminately to designate the class of hull or the complete vessel in her entirety. Thus it may be said of a vessel that she has a ship's hull with the rig of a brig, meaning that the hull may be of a build that does not correspond with the style of rig. In such cases the rig prevails over the hull in giving the name of the vessel's species, and she is called a brig; but in some compound names, as "*scow-schooner*," the word "*scow*" expresses the build of hull and the word "*schooner*" the style of rig.

A gradual change resulting from the inventions and improvements made during the past century has been going on in the rig of American vessels as well as in those of other countries. Some new rigs have been found to be better adapted to some waters, and changes have been made to suit the increased size of vessels, which have proved to be more serviceable in certain trades.

But while old rigs have been abandoned and new ones added, the names applied to them have not in all cases been uniform throughout the country.

Some localities may adopt certain rigs as more desirable for certain trades, but it is important that they should be designated by the same nomenclature at all the ports. While recognizing the styles of rig where best known and adopted, in order to counteract any tendency to use local names, more especially for new rigs, a brief description of those most generally known and acknowledged is inserted here, and diagrams intended to illustrate the different styles of rig now in use are subjoined.

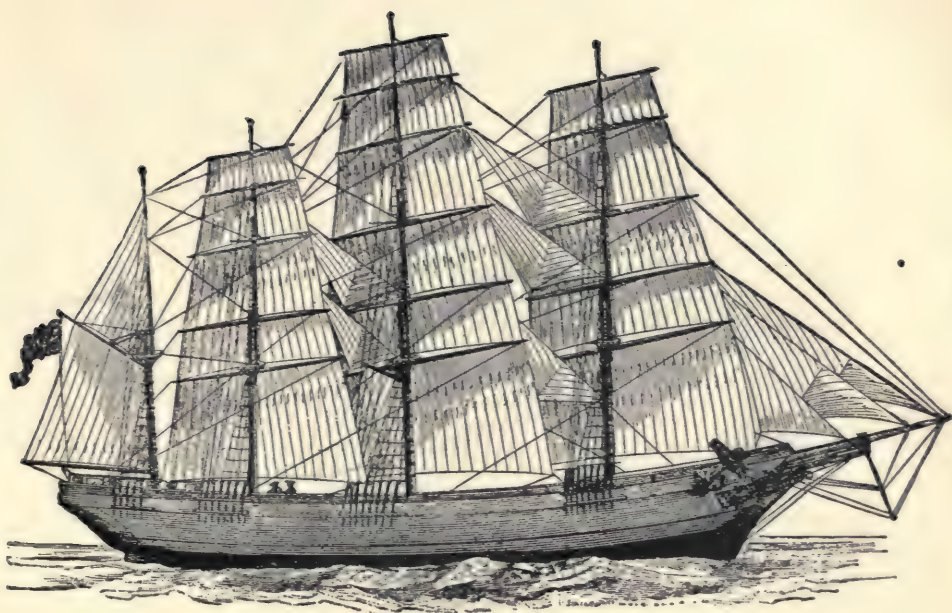




The illustration given on the opposite page is fully described below. From these descriptions the various styles of rig which follow will be understood.

1, hull. 2, bow. 3, stern. 4, cutwater. 5, stem. 6, entrance. 7, waist. 8, run. 9, counter. 10, rudder. 11, davits. 12, quarter-boat. 13, cathead. 14, anchor. 15, cable. 16, bulwarks. 17, taffrail. 18, channels. 19, chain-plates. 20, cabin-trunk. 21, after deck-house. 22, forward deck-house. 23, bowsprit. 24, jib-boom. 25, flying-jib boom. 26, foremast. 27, mainmast. 28, mizzenmast. 29, foretopmast. 30, maintopmast. 31, mizzentopmast. 32, foretopgallantmast. 33, maintopgallantmast. 34, mizzentopgallantmast. 35, foreroyalmast. 36, mainroyalmast. 37, mizzenroyalmast. 38, foreskysailmast. 39, mainskysailmast. 40, mizzenskysailmast. 41, foreskysail-pole. 42, mainskysail-pole. 43, mizzenskysail-pole. 44, fore-truck. 45, main-truck. 46, mizzen-truck. 47, foremast-head. 48, mainmast-head. 49, mizzenmast-head. 50, foretopmast-head. 51, maintopmast-head. 52, mizzentopmast-head. 53, foretop. 54, maintop. 55, mizzen-top. 56, dolphin-striker. 57, outriggers. 58, foreyard. 59, mainyard. 60, crossjack-yard. 61, fore lower topsail-yard. 62, main lower topsail-yard. 63, mizzen lower topsail-yard. 64, fore upper topsail-yard. 65, main upper topsail-yard. 66, mizzen upper topsail-yard. 67, foretopgallant-yard. 68, maintopgallant-yard. 69, mizzentopgallant-yard. 70, foreroyal-yard. 71, mainroyal-yard. 72, mizzenroyal-yard. 73, foreskysail-yard. 74, mainskysail-yard. 75, mizzenskysail-yard. 76, spanker-boom. 77, spanker-gaff. 78, maintrysail-gaff. 79, monkey-gaff. 80, lower studdingsail-yard. 81, foretopmast studdingsail-boom. 82, foretopmast studdingsail-yard. 83, maintopmast studdingsail-boom. 84, maintopmast studdingsail-yard. 85, foretopgallant studdingsail-boom. 86, foretopgallant studdingsail-yard. 87, maintopgallant studdingsail-boom. 88, maintopgallant studdingsail-yard. 89, foreroyal studdingsail-boom. 90, foreroyal studdingsail-yard. 91, mainroyal studdingsail-boom. 92, mainroyal studdingsail-yard. 93, bobstays. 94, bowsprit-shrouds. 95, martingale-guys. 96, martingale-stays. 97, fore-chains. 98, main-chains. 99, mizzen-chains. 100, fore-shrouds. 101, main-shrouds. 102, mizzen-shrouds. 103, foretopmast-shrouds. 104, maintopmast-shrouds. 105, mizzentopmast-shrouds. 106, foretopgallant-shrouds. 107, maintopgallant-shrouds. 108, mizzentopgallant-shrouds. 109, futtock-shrouds. 110, futtock-shrouds. 111, futtock shrouds. 112, forestay. 113, mainstay. 114, mizzenstay. 115, foretopmast-stay. 116, maintopmast-stay. 117, spring-stay. 118, mizzentopmast-stay. 119, jib-stay. 120, flying-jib stay. 121, foretopgallant-stay. 122, maintopgallant-stay. 123, mizzentopgallant-stay. 124, foreroyal-stay. 125, mainroyal-stay. 126, mizzenroyal-stay. 127, foreskysail-stay. 128, mainskysail-stay. 129, mizzenskysail-stay. 130, foretopmast-backstays. 131, maintopmast-backstays. 132, mizzentopmast-backstays. 133, foretopgallant-backstays. 134, maintopgallant-backstays. 135, mizzentopgallant-backstays. 136, foreroyal-backstays. 137, mainroyal-backstays. 138, mizzenroyal-backstays. 139, foreskysail-backstays. 140, mainskysail-backstays. 141, mizzenskysail-backstays. 142, foresail or forecourse. 143, mainsail or maincourse. 144, cross-jack. 145, fore lower topsail. 146, main lower topsail. 147, mizzen lower topsail. 148, fore upper topsail. 149, main upper topsail. 150, mizzen upper topsail. 151, foretopgallant-sail. 152, maintopgallant-sail. 153, mizzentopgallant-sail. 154, foreroyal. 155, mainroyal. 156, mizzenroyal. 157, foreskysail. 158, mainskysail. 159, mizzenskysail. 160, spanker. 161, mizzenstaysail. 162, foretopmast-staysail. 163, maintopmast lower staysail. 164, maintopmast upper staysail. 165, mizzentopmast-staysail. 166, jib. 167, flying jib. 168, jib-top sail. 169, maintopgallant-staysail. 170, mizzentopgallant-staysail. 171, main-royalstay-sail. 172, mizzenroyal-staysail. 173, lower studding sail. 174, foretopmast-studdingsail. 175, maintopmast-studdingsail. 176, foretopgallant-studdingsail. 177, maintopgallant-studdingsail. 178, foreroyal-studdingsail. 179, mainroyal-studdingsail. 180, forelift. 181, mainlift. 182, crossjack-lift. 183, fore lower topsail-lift. 184, main lower topsail-lift. 185, mizzen lower topsail-lift. 186, spankerboom topping-lift. 187, monkey-gaff lift. 188, lower studdingsail-halyards. 189, lower studdingsail inner halyards. 190, foretopmast studdingsail-halyards. 191, maintopmast studdingsail-halyards. 192, foretopgallant studdingsail-halyards. 193, maintopgallant studdingsail-halyards. 194, spanker peak-halyards. 195, signal-halyards. 196, weather jib-sheet. 197, weather flying-jib sheet. 198, weather

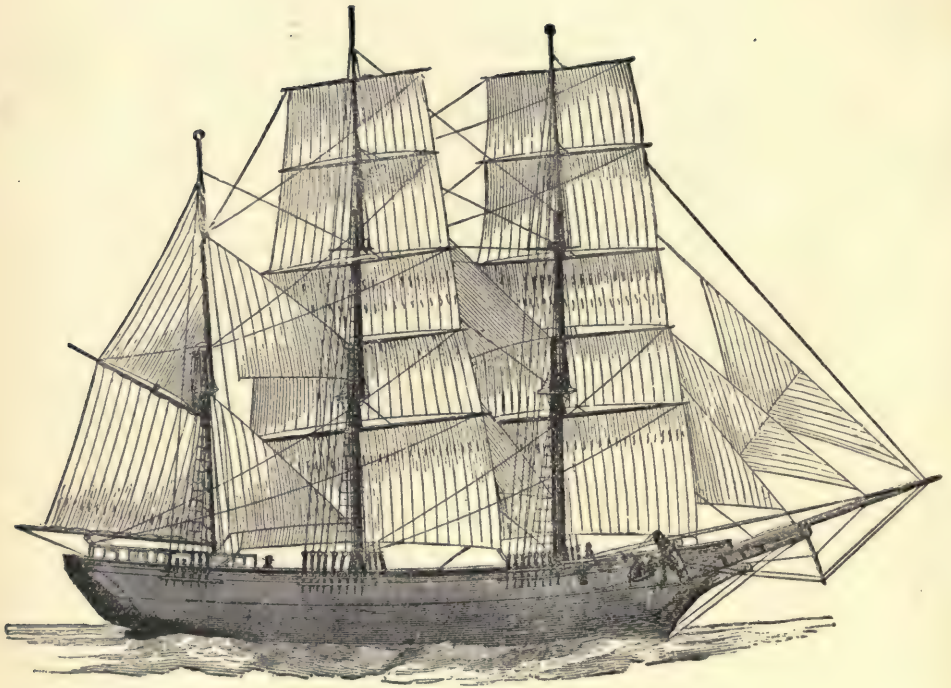
jib topsail-sheet. 199, weather fore-sheet. 200, weather main-sheet. 201, weather cross-jack-sheet. 202, spanker-sheet. 203, mizzentopgallant staysail-sheet. 204, mainroyal staysail-sheet. 205, mizzenroyal staysail-sheet. 206, lower studdingsail-sheet. 207, foretopmast studdingsail-sheet. 208, foretopmast studdingsail-tack. 209, maintopmast studdingsail-sheet. 210, maintopmast studdingsail-tack. 211, foretopgallant studdingsail-sheet. 212, foretopgallant studdingsail-tack. 213, maintopgallant studdingsail-sheet. 214, maintopgallant studdingsail-tack. 215, foreroyal studdingsail-sheet. 216, foreroyal studdingsail-tack. 217, mainroyal studdingsail-sheet. 218, mainroyal studdingsail-tack. 219, forebrace. 220, mainbrace. 221, crossjack-brace. 222, fore lower topsail-brace. 223, main lower topsail-brace. 224, mizzen lower topsail-brace. 225, fore upper topsail-brace. 226, main upper topsail-brace. 227, mizzen upper topsail-brace. 228, foretopgallant-brace. 229, maintopgallant-brace. 230, mizzentopgallant-brace. 231, foreroyal-brace. 232, mainroyal-brace. 233, mizzenroyal-brace. 234, foreskysail-brace. 235, mainskysail-brace. 236, mizzenskysail-brace. 237, upper maintopsail-downhaul. 238, upper mizzentopsail-downhaul. 239, foretopmast studdingsail-downhaul. 240, maintopmast studdingsail-downhaul. 241, foretopgallant studdingsail-downhaul. 242, maintopgallant studdingsail-downhaul. 243, clue-garnets. 244, clue-lines. 245, spanker-brails. 246, spanker-gaff vang. 247, monkey-gaff vang. 248, main bowline. 249, bowline-bridle. 250, foot-ropes. 251, reef-points.



SHIP.

A vessel of considerable size adapted to navigation; a general term for sea-going vessels of every kind, except boats. Ships are of various sizes and fitted for various uses, and receive different names, according to their rig, motive power (wind or steam or both), and the purposes to which they are applied, as war-ships, transports, merchantmen, barks, brigs, schooners, luggers, sloops, xebecs, galleys, etc. The name *ship*, as descriptive of a particular rig, and as roughly implying a certain size, has been used to designate a vessel furnished with a bowsprit and three masts—a mainmast, a foremast, and a mizzenmast—each of which is composed of a lower mast, a topmast and a topgallantmast, and carries a certain number of square sails. The square sails on the mizzen distinguish a ship from a bark, a bark having only fore-and-aft sails on the mizzen. But the development of coastwise navigation, in which the largest vessels have generally a schooner rig and sometimes four masts, has gone far toward rendering this restricted application of the word of little value. Owing to increase of size, and especially increase of length, some sailing vessels now have four masts, and this rig is said to have certain advantages.

Four-masted vessels which are square rigged on all four masts are called *four-masted ships*. Those which have fore-and-aft sails on the after-mast are called *four-masted barks*.

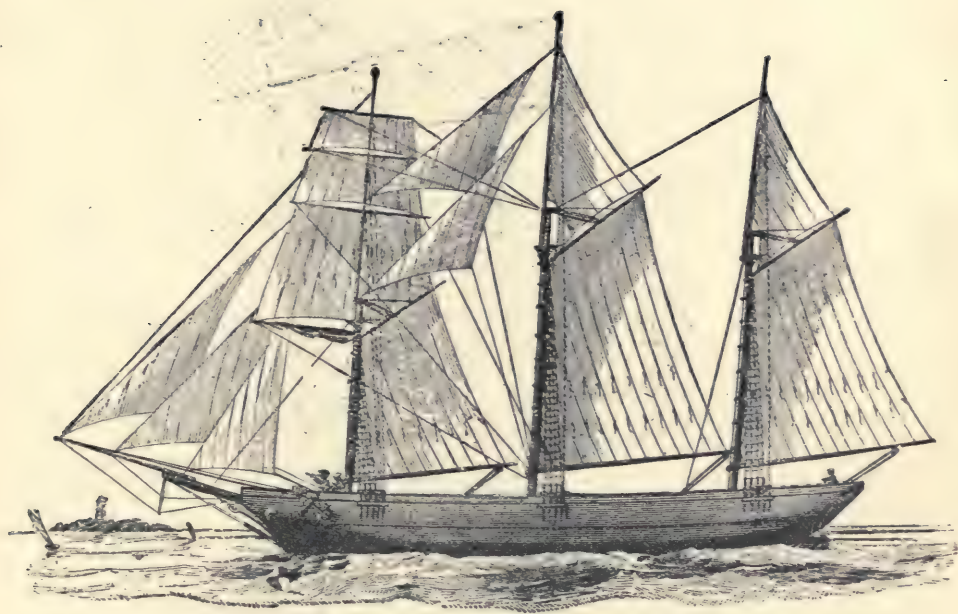


BARK.

The bark or *barque* (from the Latin *barca*) is a rig similar to that of the ship, excepting that it has only fore-and-aft sails (no yards) on the mizzen mast.

Barks are commonly smaller than ships, although some vessels of 1000 to 1500 tons are so rigged for sake of economy. They generally carry double topsails.

The illustration exhibits the ordinary modern bark rig.



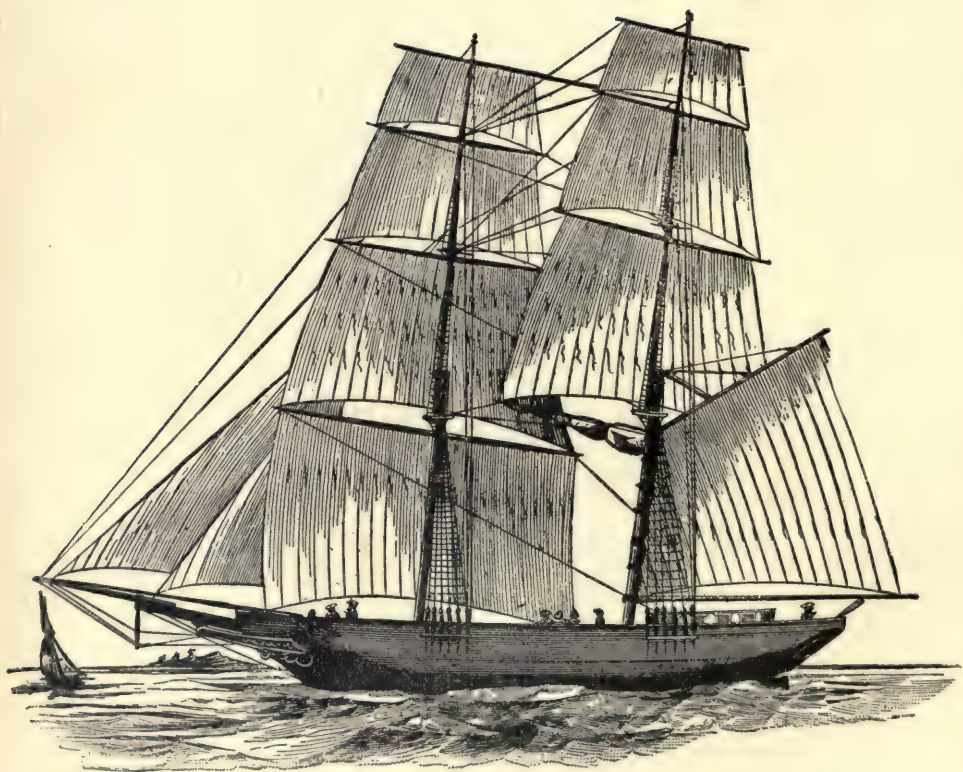
BARKENTINE, ALSO SPELLED BARKANTINE AND BARQUANTINE.

The term is derived from the word "barque" and properly signifies a small bark.

The barkentine is fitted with three masts, square rigged with yards on the foremast only, and fore-and-aft sails on the main and mizzen masts.

Barkentines are generally constructed with great length in proportion to their breadth, and on the lakes are built to suit the peculiar navigation of those narrow waters.

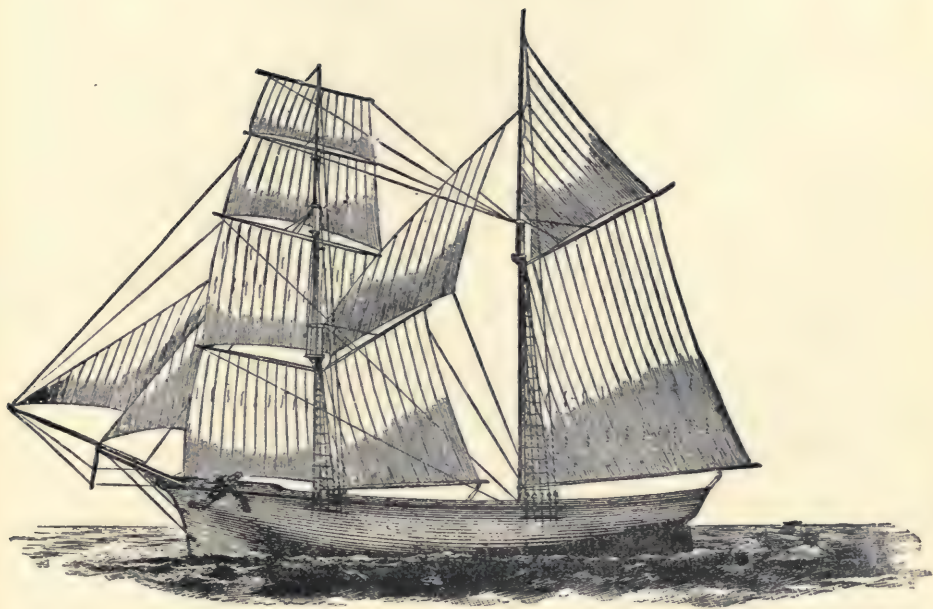
The illustration shows the rig of the ordinary barkentine, as known in American waters.



BRIG.

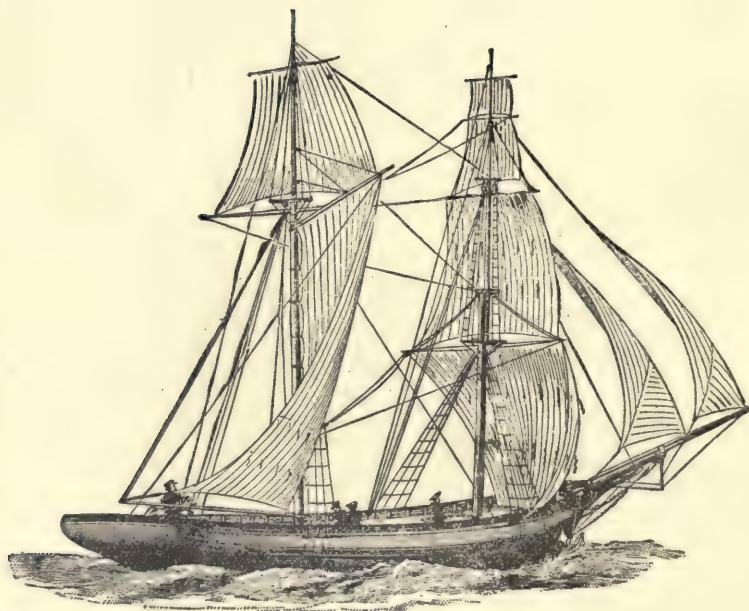
According to Admiral Smyth, this word is from the Celtic, and was first applied to ferry boats, meaning "passage over the water." The brig is now a two-mast square-rigged vessel. There are several kinds of brigs.

The *full-rigged brig*, which is a rig nearly similar to that of the *snow* of former times, having fore and main lower masts, topmasts and topgallant-masts, and yards on each, with or without a square mainsail, and carrying also a trysail



HERMAPHRODITE BRIG.

The *hermaphrodite* or *half brig*, which is a vessel with a brig's foremast and a schooner's mainmast, square-rigged forward and fore-and-aft rigged aft.

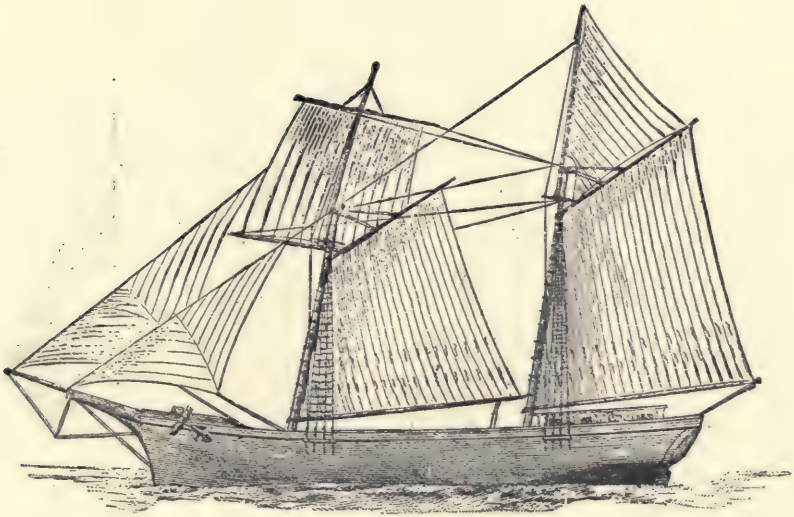


BRIGANTINE.

This word, which is probably a diminutive of "brig," is employed in the French to designate the fore-and-aft mainsail used in small vessels.

The brigantine rig (or brig-schooner) is similar to the hermaphrodite, excepting that brigantines carry a light topsail on the mainmast above the large fore-and-aft mainsail. The term is variously applied by seamen of different European nations to a peculiar sort of vessel of their own marine. At some ports on the Pacific coast a hermaphrodite brig, rigged with a large three-cornered mainsail without a gaff but an overlapping fore-and-aft topsail whose sheet hauls out to the boom, is improperly called a brigantine. The brigantine rig is becoming quite rare in American waters.

The illustration is designed to illustrate a brigantine under sail.

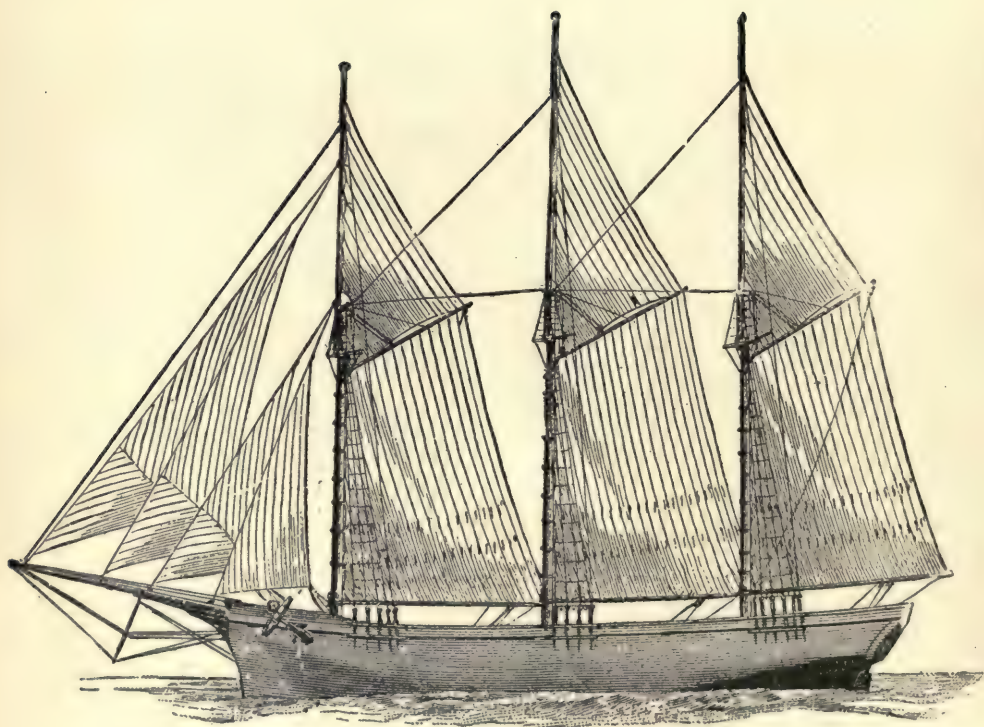


SCHOONER.

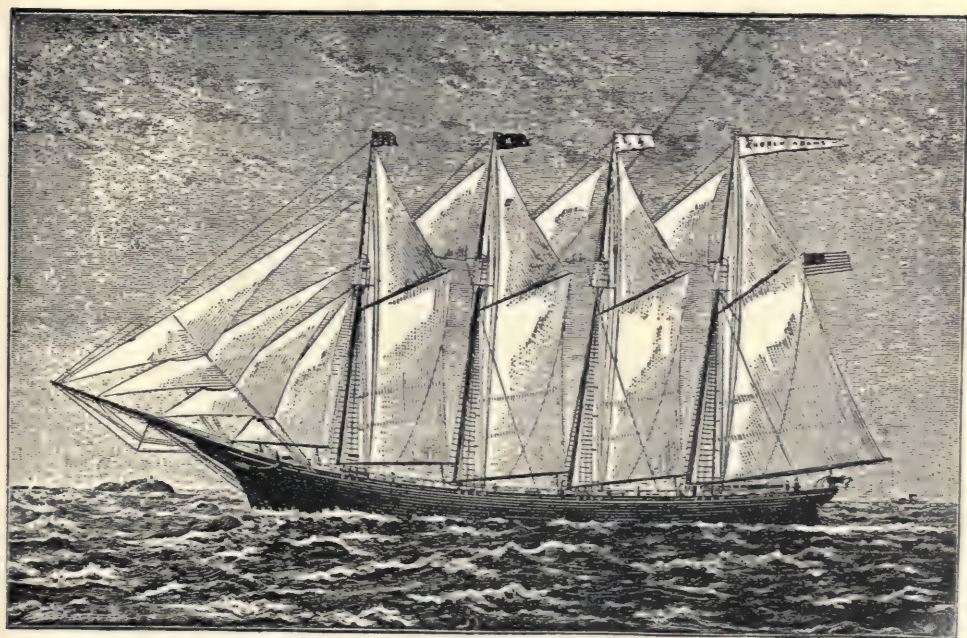
A name applied to vessels of fore-and-aft rig of various sizes. Schooners have two or more long lower masts without tops, and are sometimes fitted with light square topsails, especially at the fore; but these are giving way to the fore-and-aft gaff topsails, which are better adapted to the American coast.

The schooner used to be the rig chiefly for small vessels, but some of the more modern schooners measure 800 and 1000 tons, and carry three and four masts.

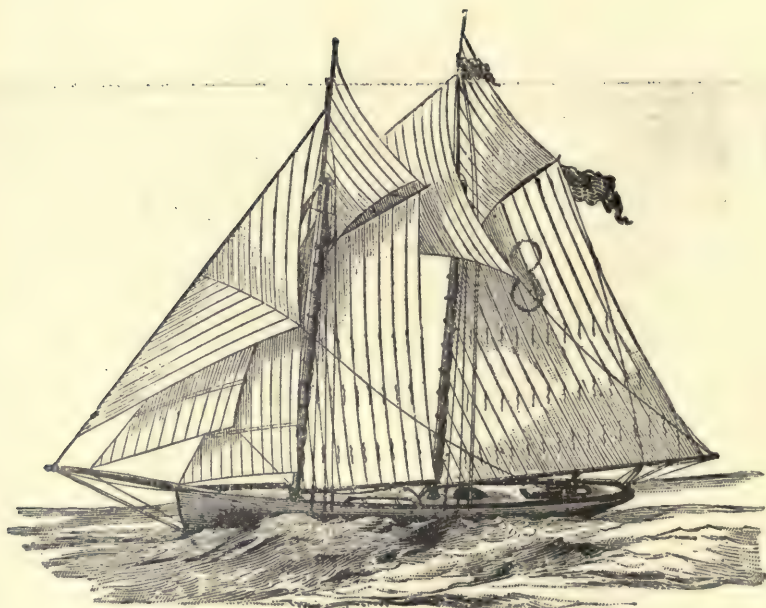
The illustration represents the *topsail schooner* of two masts.



FORE-AND-AFT THREE-MAST SCHOONER.

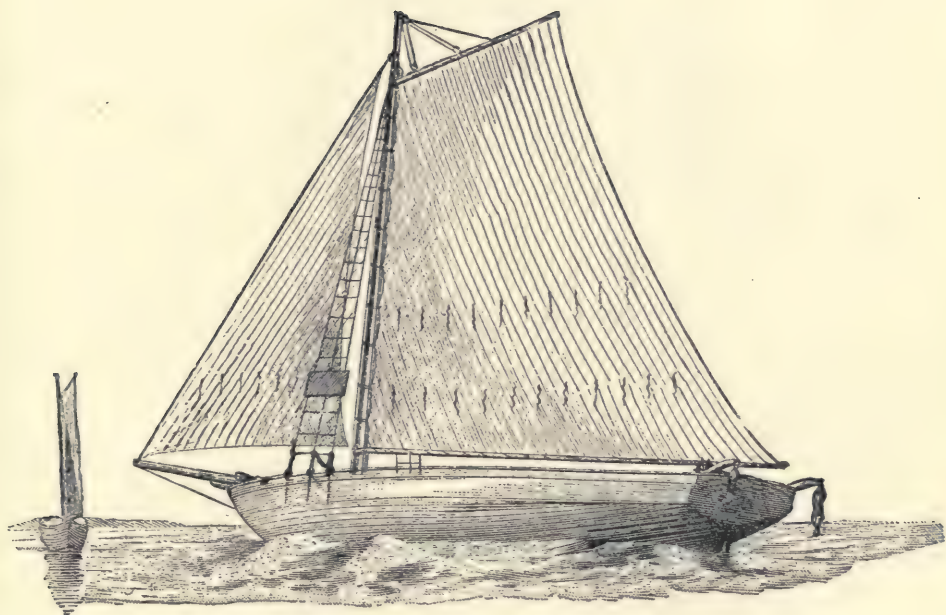


FORE-AND-AFT FOUR-MAST SCHOONER.



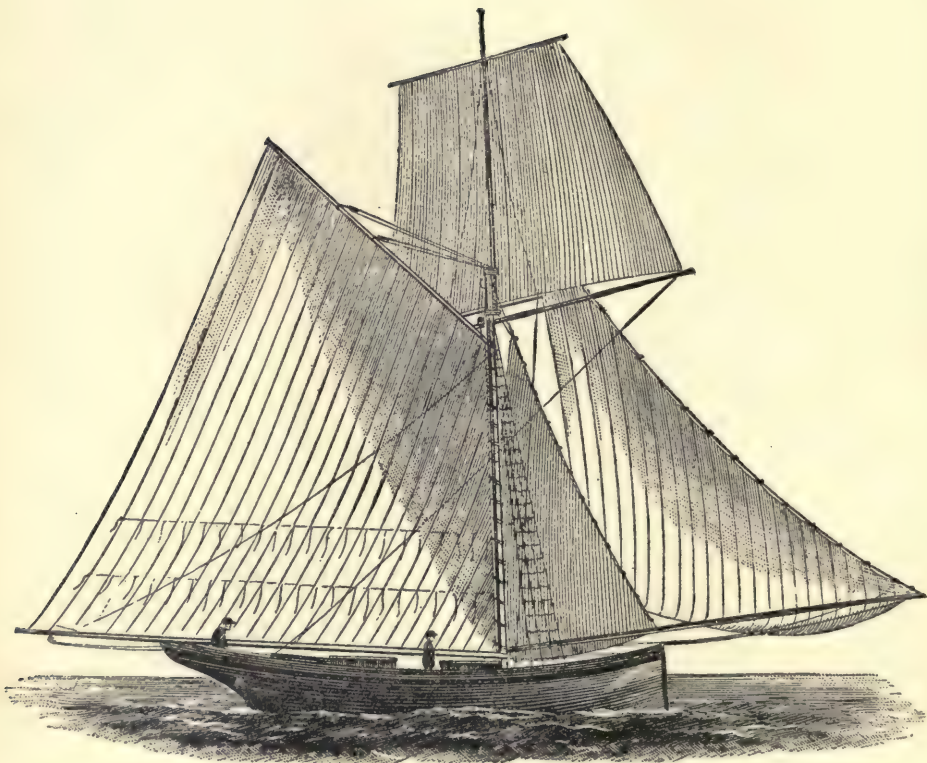
SCHOONER PILOT-BOAT.

The ordinary American *pilot-boat*, which, in most of the ports, is a small, two-mast fore-and-aft schooner-rigged vessel with pointed ends, but with suitable beam for sailing and working to windward.



SLOOP.

The sloop is a vessel with only one mast, and a bowsprit carrying a fore-and-aft mainsail and jib, which, being set on the forestay, is called the fore-sail. The sloop is one of the oldest style of vessel known to the trade of this country, and is (with some local variations in the cut of sails) a rig that is more or less employed in the commerce of the entire globe.



CUTTER.

A small sloop-rigged vessel, sharp built, with a straight bowsprit running out parallel with the deck, and having large sails. She carries a fore-and-aft mainsail, stay foresail, flying jib, and topsail. Large cutters, 400 to 500 tons, have been constructed for naval use and made to carry yards with every sail that can be set on one mast, even to sky sails, moon-rakers, star-gazers, etc. The modern cutter-yacht generally carries a flying gaff topsail. The name cutter applies as much to the sharp build of the vessel's hull as to the particular rig.



LUGGER.

Luggers are vessels generally with one mast (though sometimes two or three), having quadrilateral or four-cornered fore-and-aft sails bent to a hoisting yard, the luff being about two-thirds the length of the after leech. The French *chasse-marie* or lugger, used for fishing and coasting purposes, carries two or three masts and is of 200 to 300 tons capacity. In this country the lugger is generally a small vessel with one mast, used for the oyster trade on the Mississippi River and adjacent waters.

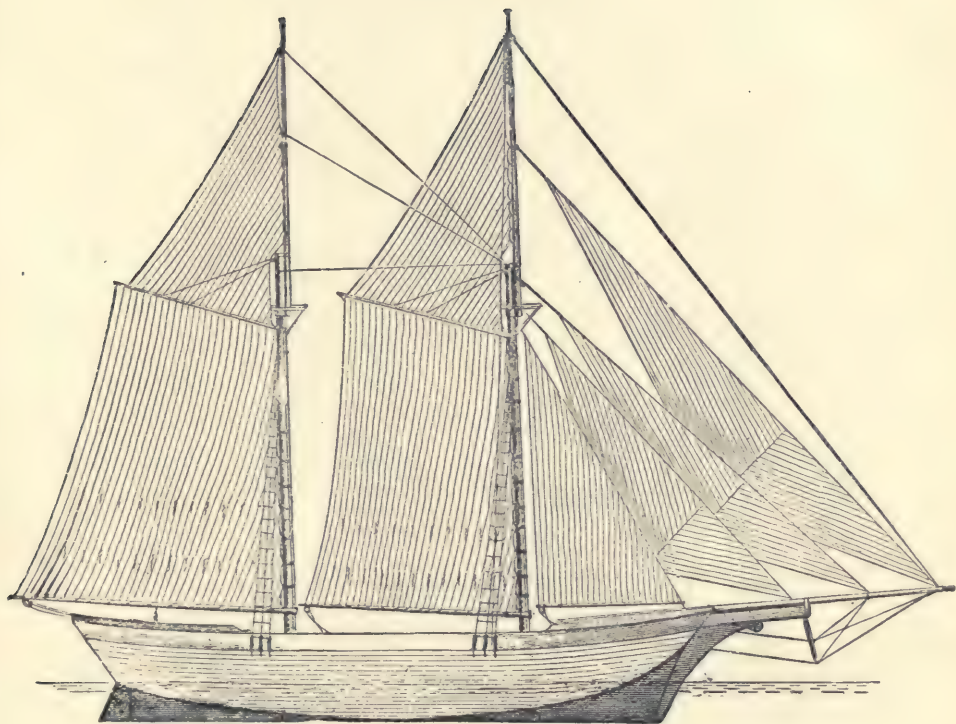


LATEEN.

The lateen rig is similar to the lug rig, excepting that the sail is triangular, a long yard which hoists obliquely to a stout mast forming the luff.

The lateen rig is much used by small craft in the Mediterranean and in some of the larger size which have more than one mast. The sails brail up in case of need.

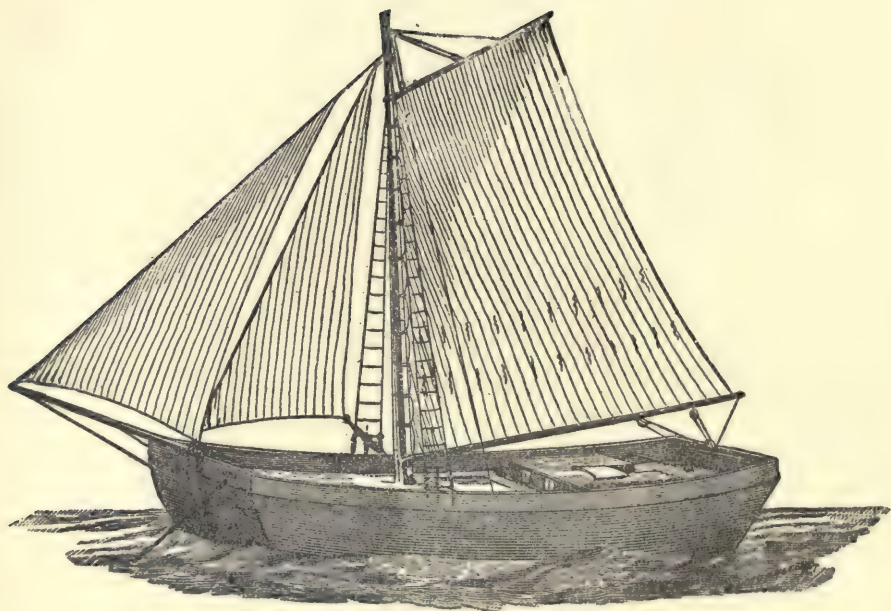
In New Hampshire, and waters in that vicinity, there is a long, shallow boat decked the entire length and having a "cuddy" or small cabin. This vessel, which is flat-bottomed and uses a lee board, is called a gondola (gund-low) and carries a large picturesque lateen sail hoisted on a yard sometimes 60 to 70 feet in length. On the Pacific coast the lateen rig is in common use for pleasure craft and small fishing vessels; the illustration represents one of the latter class.



SCOW-SCHOONER.

The scow is a vessel used in the shoal waters of nearly all the States, but principally on the lakes.

Scows are generally built with flat bottoms and square bilges, but some of them have the ordinary schooner bow, as shown above. They are fitted with one, two, and three masts, and are called *scow-sloop* or *scow-schooner*, according to the rig they carry. Some of them carry bowsprits. The distinctive line between the scow and regular-built schooner is, in the case of some large vessels, quite obscure, but would seem to be determined by the shape of the bilge, the scow having in all cases the angular bilge instead of the curve (futtock) bilge of the ordinary vessel.



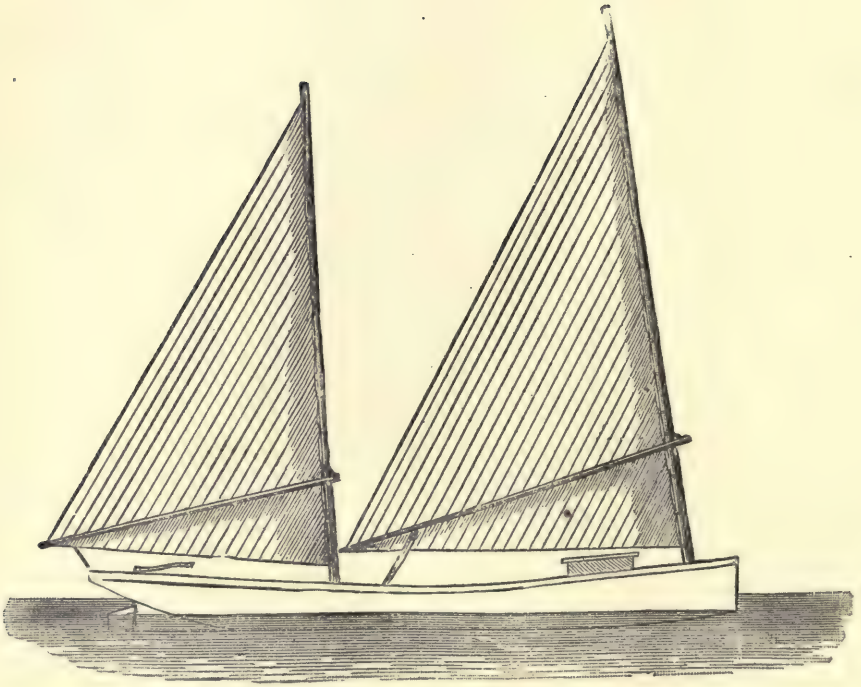
SCOW-SLOOP.

The above represents an ordinary scow with sloop rig, having a flat bottom and square bilge. They are extensively in use for transporting brick, stone, hay, wood, etc., on the lakes and bays and in the shoal waters of various States.



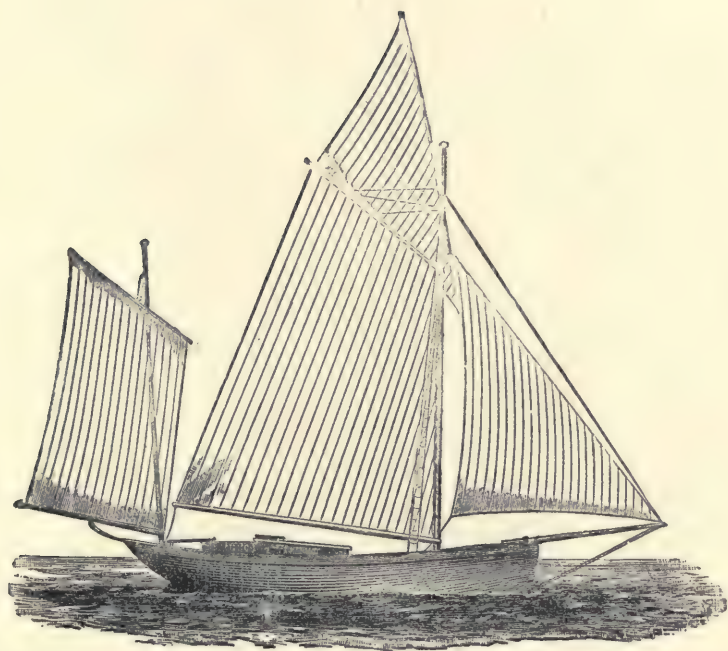
CAT.

A rig supposed to be derived from the Brazilian catamaran that allows of one sail only, an enormous fore-and-aft mainsail spread by a boom and gaff and hoisted to the one mast stepped near the stem. The cat rig is much employed on Long Island Sound for small coasting and fishing vessels. It is also a favorite rig for pleasure vessels, being easily handled, but is not suited to a heavy sea and rough weather.



SHARPIE.

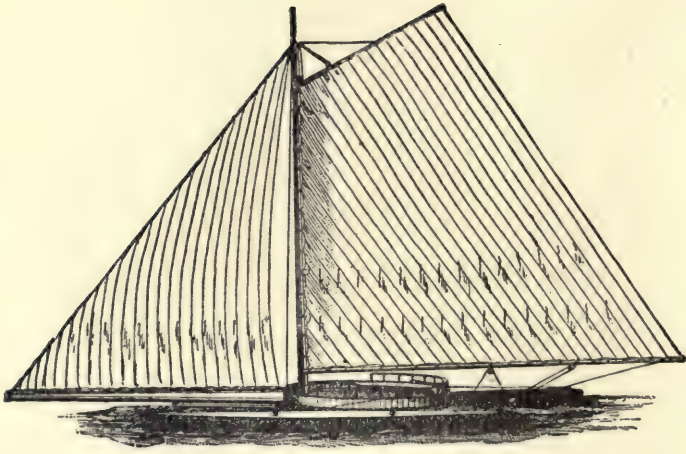
A vessel 20 to 40 feet in length, used by the oystermen of Connecticut and New Jersey, and also for general pleasure purposes. The sharpie is built sharp, with a flat bottom, and carries a center-board. The rig of the sharpie is peculiar and the vessel might be termed a cat-rigged schooner. The illustration shows the rig of the Connecticut *sharpie*. The Ohio *sharpie*, used on the lakes for fishing purposes, has the same rig, excepting that they generally carry gaffs.



YAWL

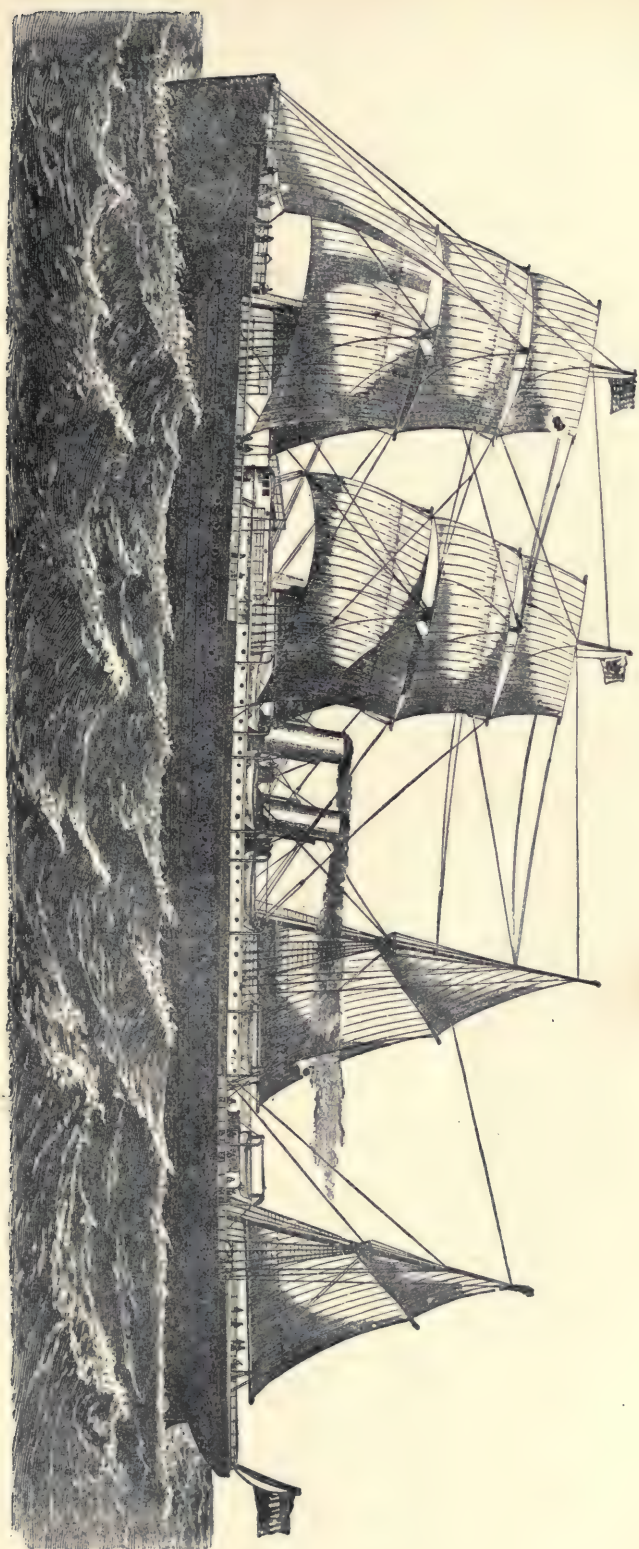
The yawl is properly a ship's boat, resembling the pinnace. It is more commonly propelled by oars, but there is a certain rig applied to them by a British customs act known as the yawl rig, and in use by some American as well as foreign yachts.

It resembles the cutter rig, except that it has a jigger-mast at the stern, which carries a small lug-sail, the main boom traversing just clear of it; many small fishing boats on the lakes now have this rig.



CATAMARAN.

A pleasure boat constructed on the plan of the vessel of that name used on the Brazilian coast. The American catamaran has a double hull and carries the cat rig. The catamaran of the Madras and Ceylon coasts is made of three logs 20 to 30 feet long, 2 to 3 feet apart, secured by spreaders and lashings. They carry large sails and are very fast sailers. The illustration is designed to represent the catamaran as rigged on the Atlantic sea-board.



Ship Tonnage.

RATIO OF WEIGHT TO MEASUREMENT.

APPROXIMATE RULES.

Length \times breadth \times depth \div 100 = Gross tonnage.

Length \times breadth \times depth \times .75 \div 100 = Net tonnage.

GOVERNMENT RULE.

Length — $\frac{3}{5}$ of breadth \times breadth \times depth \div 95 = Gross tonnage.

Length, breadth and depth of hold all in feet.

Register Tonnage or International Register Tonnage is the unit on which the assessment of dues and charges on shipping is based. The system at present in force is known as the Moorsom system. A register ton is one hundred (100) cubic feet of *internal volume*.

The system was adopted by the United States in 1865; Denmark, 1867; Austria-Hungary, 1871; Germany, France, and Italy, 1873; Spain, 1874; Sweden, 1875; Netherlands, and Norway, 1876; Greece, 1878; Russia, 1879; Finland, 1877; Hayti, 1882; Belgium and Japan, 1884.

It is generally understood that a vessel's registered tonnage is no criterion for her capacity for carrying weight, but it can be demonstrated that it furnishes a basis for calculating approximately the dead weight cargo in tons which a vessel can carry on an average length of voyage. For this purpose, the following rule laid down by C. Macrow, M. S. N. A., is given:
Rule—

Multiply number of register tons by 1.5 and product will give approximate dead weight cargo required.

Application of the rule when considered in connection with the weights and measurements of merchandise:

For Illustration—

A vessel has 1600 register tons; this equals, according to the rule for the measurement of tonnage, 160,000 cubic feet of internal volume. We then have $1600 \times 1.5 = 2400$ tons weight, which equals 4,800,000 pounds or 48,000 centals.

This demonstrates the fact that to fill up the entire cargo space (160,000 cubic feet) $66\frac{2}{3}$ cubic feet are required for each one ton weight of 2000 pounds. Therefore, any article of merchandise weighing 30 pounds to the cubic foot would be the full weight and measurement capacity of the vessel.

Any article weighing more than 30 pounds per cubic foot or requiring less space than $66\frac{2}{3}$ cubic feet for each ton, might be loaded with room to

spare in proportion as the article exceeds 30 pounds per cubic foot, or requires less room for storage than $66\frac{2}{3}$ cubic feet for each 2000 pounds.

In even numbers, wheat weighs 45 pounds per cubic foot and requires 44 cubic feet in which to store 2000 pounds. If the entire cubic volume of the vessel in question was filled with wheat, it would contain 3600 tons or 7,200,000 pounds, which, according to the rule, would be 1200 tons more than her carrying capacity.

To arrive at the number of cubic feet required to hold any article of goods weighing over 30 pounds per cubic foot: First, find the number of tons weight a vessel can carry by the above formula; reduce to pounds, and divide by the number of pounds per cubic foot. In the above example it is shown that 2400 tons is the weight capacity (approximately) of a vessel having a register tonnage of 1600 tons; and, $2400 \times 2000 = 4,800,000 \text{ lbs.} \div 45 = 106,667$ cubic feet, the room required to hold 2400 tons of wheat, leaving 53,333 cubic feet clear.

It will be apparent that 2400 tons of any article weighing less than 30 pounds per cubic foot cannot be stored in a vessel having 160,000 cubic feet of internal volume. The article of tea weighs 23 pounds per cubic foot; $160,000 \times 23 = 1840$ tons only, which is 560 tons less than the tonnage we have shown the vessel capable of carrying on an average length of voyage. It would require 8640 cubic feet in which to store 100 tons of tea.

In considering all matters relating to loading either cars or vessels, due allowance must be made for loss in storing.

Signal Code.

STEAMERS AND SAILING VESSELS.

ENGINE BELLS.

The single bells are struck on a gong.

The speed bell is rung on a jingle bell.

- 1 Bell....."Go ahead slow."
- Jingle bell....."Go full speed ahead."
- 1 Bell....."Go slow."
- 1 Bell following....."Stop."
- 2 Bells....."Go back slow."
- Jingle bell....."Go back full speed."
- 1 Bell....."Go back slow."
- 1 Bell following....."Stop."

The rule of all vessels when passing is to keep to the right. Steamers are to steer clear of sailing vessels.

Sailing Vessels must have a Green Light on the starboard side, and a Red Light on the port side.

Steamers must have the same with the addition of a White Light at the mast-head.

All vessels must show a white flash light astern when being overtaken.

WATCH BELLS.

The length of time of each "Watch" on board of Merchant Vessels is four hours.

Watch Bells are rung every half hour; commencing, say, at 8 o'clock A. M., 8 Bells are rung: 8:30, 1 Bell; 9, 2 Bells; 9:30, 3 Bells; 10, 4 Bells; 10:30, 5 Bells; 11, 6 Bells; 11:30, 7 Bells; 12 M., 8 Bells. This constitutes one "Watch." The Bells are rung in like order and number from 12 M. to 4 P. M., and again from 4 P. M. to 8 A. M. Even bells are hours, and odd bells are half hours. Where strict discipline is not enforced the watch bells are not rung in Port. Should such vessel leave Port, say, at 2:30 P. M., 5 Bells would be rung, then at 3, 6 Bells; 3:30, 7 Bells; 4, 8 Bells, and so on.

WHISTLES.

- 1 Short blast.....Keep to the right.
- 2 Short blasts.....Keep to the left.
- 3 Short blasts.....Going full speed astern.
- 1 Short blast every 2 minutes.....In a fog.
- 3 Long blasts.....A salute.

SAILING VESSELS BLOW A FOG HORN.

- 1 Blast.....Going on the starboard tack.
- 2 Blasts.....Going on the port tack.
- 3 Blasts.....Going free.

Steam and Sail Vessels ring a bell when lying still in a fog. Gun, Rocket, and Flames are signals of distress.

NIGHT SIGNALS AND FUNNEL MARKS OF ATLANTIC AND PACIFIC STEAMSHIP LINES.

In order to enable passengers and others to distinguish passing vessels by day or night, marks and signals similar to the following are used by the various Steamship Lines on the Atlantic and Pacific Coasts. (See opposite page for the flags in use by the following mentioned lines.)

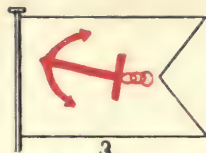
STEAMSHIP LINE.	NIGHT SIGNALS.	FUNNEL MARKS.
1. ALLAN.	Three blue lights on mizzen rigging forming a triangle.	Red, with white ring under black top.
2. AMERICAN.	Rocket, red light, white-blue light in quick succession.	Red, with white key-stone black top.
3. ANCHOR.	Red and white lights alternately.	Black.
4. CUNARD.	Blue light, and two Roman candles throwing up 6 blue balls each.	Red, with black top.
5. FRENCH.	Blue, white and red light forward, amidship and aft respectively.	Red, with black top.
6. GREAT WESTERN.	Three bright flashes in quick succession.	Black, with broad red band containing a blue and white ball.
7. GUION.	A blue light forward amidships and aft together.	Black, with red band black top.
8. HAMBURG-AMERICAN.	Three Roman candles burning aft in succession, each throwing up 7 stars colored, white, red, blue, white, red, blue, white.	Black.
9. INMAN.	Blue light forward, red light on bridge, blue light aft together.	Black, white band black top.
10. NATIONAL.	Green light forward, red amidships, green light aft forming a triangle.	White, with black top.
11. NORTH GERMAN LLOYD.	Two blue lights together changing to red.	Yellow.
12. RED STAR.	Red light forward amidships and aft together.	Yellow and black top with red star.
13. ROTTERDAM.	Green light forward and aft, white light amidships together.	Black.
14. STATE.	Red light forward and aft and blue light amidships together.	Buff, with red ring under black top.
15. WHITE STAR.	Two green lights together.	Yellow, with black top.
16. PACIFIC MAIL.	Green, red, white, in succession in one cartridge.	White.
17. OCEANIC.	Green, white followed by a red star thrown to the height of 50 feet.	Black.
18. PACIFIC COAST.	Red, green, white, in succession in one cartridge.	Black.
19. OREGON DEVELOPMENT CO.	Red, green, red, in succession in one cartridge.	Black, with white letter "O" on either side.
20. UNION PACIFIC.	Red, green, white, in succession in one cartridge.	Black.
21. CANADIAN PACIFIC		
22. OCCIDENTAL AND ORIENTAL.	Two green lights together.	Black.
23. ATLANTIC AND PACIFIC.		
24. WELL'S PUGET SD.		



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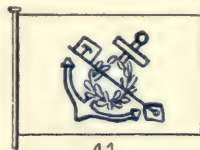
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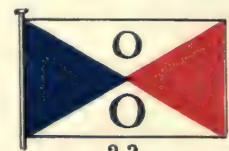
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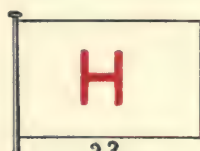
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Ready Freight Calculator.

CUBIC FEET.

A TON MEASUREMENT, 40 CUBIC FEET.

EXPLANATORY.

The following tables are computed from 5¢ to \$50.00 per cubic ton of 40 cubic feet, and from $\frac{1}{8}$ ¢ to \$1.25 per cubic foot inclusive. The amounts are raised from 5¢ to \$1.00 per ton at regular advances of 10¢ per ton, and from \$1.00 to \$50.00 per ton at regular advances of 25¢ per ton. Or from $\frac{1}{8}$ ¢ to $2\frac{1}{2}$ ¢ per cubic foot at the rate of $\frac{1}{4}$ ¢ per cubic foot, and from $2\frac{1}{2}$ ¢ to \$1.25 per cubic foot at the rate of $\frac{5}{8}$ ¢ per cubic foot.

The cubic feet are increased by multiples from 1 to 500 cubic feet. If at any time the addition of two or more numbers is required to make the number of cubic feet desired, take from the column or columns in which the amounts occur that are necessary to make the total, add them together with the amounts represented in the cents columns, and the amount so obtained will be the correct answer. Should you wish to ascertain the amount on 183 cubic feet at \$4.25 per ton, first find the \$4.25 in the upper corners of the table, then take from the column of figures denoting cubic feet 180, and in like manner 3, and we have—

$$\begin{array}{rcl} 180 \text{ cu. ft. @ } 10\frac{5}{8}\text{¢} & = & \$19.13 \\ \underline{3 \text{ cu. ft. @ } 10\frac{5}{8}\text{¢}} & = & .32 \\ 183 & & \$19.45 \end{array}$$

Any rate combination from $\frac{1}{8}$ ¢ to \$1.25 per cubic foot can be secured from the use of these tables by the addition of the proper amounts.

The fractions of one-half of a cent and over are given in favor of the calculations as in the tables of calculations by pounds, and are similarly arranged, therefore require no illustration in regard to obtaining the number of cubic feet and amount when the addition is necessary to make the same.

The figures in the upper corners of the following tables represent a rate per ton of 40 cubic feet. The figures in the center at the top denote the rate per cubic foot on the basis of the ton rate given.

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$0.05			1/8 CENT.			\$0.05								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		—	11		01	21		03	31		04	41		05
10		01	110		14	210		26	310		39	410		51
2		—	12		02	22		03	32		04	42		05
20		03	120		15	220		28	320		40	420		53
3		—	13		02	23		03	33		04	43		05
30		04	130		16	230		29	330		41	430		54
4		—	14		02	24		03	34		04	44		06
40		05	140		18	240		30	340		43	440		55
5		—	15		02	25		03	35		04	45		06
50		06	150		19	250		31	350		44	450		56
6		—	16		02	26		03	36		05	46		06
60		08	160		20	260		33	360		45	460		58
7		—	17		02	27		03	37		05	47		06
70		09	170		21	270		34	370		46	470		59
8		—	18		02	28		04	38		05	48		06
80		10	180		23	280		35	380		48	480		60
9		—	19		02	29		04	39		05	49		06
90		11	190		24	290		36	390		49	490		61
10		01	20		03	30		04	40		05	50		06
100		13	200		25	300		38	400		50	500		63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$0.10			1/4 CENT.						\$0.10					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		—	11		03	21		05	31		08	41		10
10		03	110		28	210		53	310		78	410	I	03
2		01	12		03	22		06	32		08	42		11
20		05	120		30	220		55	320		80	420	I	05
3		01	13		03	23		06	33		08	43		11
30		08	130		33	230		58	330		83	430	I	08
4		01	14		04	24		06	34		09	44		11
40		10	140		35	240		60	340		85	440	I	10
5		01	15		04	25		06	35		09	45		11
50		13	150		38	250		63	350		88	450	I	13
6		02	16		04	26		07	36		09	46		12
60		15	160		40	260		65	360		90	460	I	15
7		02	17		04	27		07	37		09	47		12
70		18	170		43	270		68	370		93	470	I	18
8		02	18		05	28		07	38		10	48		12
80		20	180		45	280		70	380		95	480	I	20
9		02	19		05	29		07	39		10	49		12
90		23	190		48	290		73	390		98	490	I	23
10		03	20		05	30		08	40		10	50		13
100		25	200		50	300		75	400	I	00	500	I	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$0.20			½ CENT.						\$0.20					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		01	11		06	21		11	31		16	41		21
10		05	110		55	210	I	05	310	I	55	410	2	05
2		01	12		06	22		11	32		16	42		21
20		10	120		60	220	I	10	320	I	60	420	2	10
3		02	13		07	23		12	33		16	43		22
30		15	130		65	230	I	15	330	I	65	430	2	15
4		02	14		07	24		12	34		17	44		22
40		20	140		70	240	I	20	340	I	70	440	2	20
5		03	15		08	25		13	35		18	45		23
50		25	150		75	250	I	25	350	I	75	450	2	25
6		03	16		08	26		13	36		18	46		23
60		30	160		80	260	I	30	360	I	80	460	2	30
7		04	17		09	27		14	37		19	47		24
70		35	170		85	270	I	35	370	I	85	470	2	35
8		04	18		09	28		14	38		19	48		24
80		40	180		90	280	I	40	380	I	90	480	2	40
9		05	19		10	29		15	39		20	49		25
90		45	190		95	290	I	45	390	I	95	490	2	45
10		05	20		10	30		15	40		20	50		25
100		50	200	I	00	300	I	50	400	2	00	500	2	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$0.30			$\frac{3}{4}$ CENT.			\$0.30								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		01	11		08	21		16	31		23	41		31
10		08	110		83	210	I	58	310	2	33	410	3	08
2		02	12		09	22		17	32		24	42		32
20		15	120		90	220	I	65	320	2	40	420	3	15
3		03	13		10	23		17	33		25	43		32
30		23	130		98	230	I	73	330	2	48	430	3	23
4		03	14		11	24		18	34		26	44		33
40		30	140	I	05	240	I	80	340	2	55	440	3	30
5		04	15		11	25		19	35		26	45		34
50		38	150	I	13	250	I	88	350	2	63	450	3	38
6		05	16		12	26		20	36		27	46		35
60		45	160	I	20	260	I	95	360	2	70	460	3	45
7		05	17		13	27		20	37		28	47		35
70		53	170	I	28	270	2	03	370	2	78	470	3	53
8		06	18		14	28		21	38		29	48		36
80		60	180	I	35	280	2	10	380	2	85	480	3	60
9		07	19		14	29		22	39		29	49		37
90		68	190	I	43	290	2	18	390	2	93	490	3	68
10		08	20		15	30		23	40		30	50		38
100		75	200	I	50	300	2	25	400	3	00	500	3	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$0.40			1 CENT.			\$0.40								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		01	11		11	21		21	31		31	41		41
10		10	110	1	10	210	2	10	310	3	10	410	4	10
2		02	12		12	22		22	32		32	42		42
20		20	120	1	20	220	2	20	320	3	20	420	4	20
3		03	13		13	23		23	33		33	43		43
30		30	130	1	30	230	2	30	330	3	30	430	4	30
4		04	14		14	24		24	34		34	44		44
40		40	140	1	40	240	2	40	340	3	40	440	4	40
5		05	15		15	25		25	35		35	45		45
50		50	150	1	50	250	2	50	350	3	50	450	4	50
6		06	16		16	26		26	36		36	46		46
60		60	160	1	60	260	2	60	360	3	60	460	4	60
7		07	17		17	27		27	37		37	47		47
70		70	170	1	70	270	2	70	370	3	70	470	4	70
8		08	18		18	28		28	38		38	48		48
80		80	180	1	80	280	2	80	380	3	80	480	4	80
9		09	19		19	29		29	39		39	49		49
90		90	190	1	90	290	2	90	390	3	90	490	4	90
10		10	20		20	30		30	40		40	50		50
100	1	00	200	2	00	300	3	00	400	4	00	500	5	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$0.50			1¼ CENTS.			\$0.50								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		01	11		14	21		26	31		39	41		51
10		13	110	1	38	210	2	63	310	3	88	410	5	13
2		03	12		15	22		28	32		40	42		53
20		25	120	1	50	220	2	75	320	4	00	420	5	25
3		03	13		16	23		29	33		41	43		54
30		38	130	1	63	230	2	88	330	4	13	430	5	38
4		05	14		18	24		30	34		43	44		55
40		50	140	1	75	240	3	00	340	4	25	440	5	50
5		06	15		19	25		31	35		44	45		56
50		63	150	1	88	250	3	13	350	4	38	450	5	63
6		08	16		20	26		33	36		45	46		58
60		75	160	2	00	260	3	25	360	4	50	460	5	75
7		09	17		21	27		34	37		46	47		59
70		88	170	2	13	270	3	38	370	4	63	470	5	88
8		10	18		23	28		35	38		48	48		60
80	1	00	180	2	25	280	3	50	380	4	75	480	6	00
9		11	19		24	29		36	39		49	49		61
90	1	13	190	2	38	290	3	63	390	4	88	490	6	13
10		13	20		25	30		38	40		50	50		63
100	1	25	200	2	50	300	3	75	400	5	00	500	6	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$0.60			1½ CENTS.			\$0.60								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		02	11		17	21		32	31		47	41		62
10		15	110	1	65	210	3	15	310	4	65	410	6	15
2		03	12		18	22		33	32		48	42		63
20		30	120	1	80	220	3	30	320	4	80	420	6	30
3		05	13		20	23		35	33		50	43		65
30		45	130	1	95	230	3	45	330	4	95	430	6	45
4		06	14		21	24		36	34		51	44		66
40		60	140	2	10	240	3	60	340	5	10	440	6	60
5		08	15		23	25		38	35		53	45		68
50		75	150	2	25	250	3	75	350	5	25	450	6	75
6		09	16		24	26		39	36		54	46		69
60		90	160	2	40	260	3	90	360	5	40	460	6	90
7		11	17		26	27		41	37		56	47		71
70	1	05	170	2	55	270	4	05	370	5	55	470	7	05
8		12	18		27	28		42	38		57	48		72
80	1	20	180	2	70	280	4	20	380	5	70	480	7	20
9		14	19		29	29		44	39		59	49		74
90	1	35	190	2	85	290	4	35	390	5	85	490	7	35
10		15	20		30	30		45	40		60	50		75
100	1	50	200	3	00	300	4	50	400	6	00	500	7	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$0.70			1¼ CENTS.						\$0.70					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		02	11		19	21		37	31		54	41		72
10		18	110	1	93	210	3	68	310	5	43	410	7	18
2		04	12		21	22		39	32		56	42		74
20		35	120	2	10	220	3	85	320	5	60	420	7	35
3		05	13		23	23		40	33		58	43		75
30		53	130	2	28	230	4	03	330	5	78	430	7	53
4		07	14		25	24		42	34		60	44		77
40		70	140	2	45	240	4	20	340	5	95	440	7	70
5		09	15		26	25		44	35		61	45		79
50		88	150	2	63	250	4	38	350	6	13	450	7	88
6		11	16		28	26		46	36		63	46		81
60	1	05	160	2	80	260	4	55	360	6	30	460	8	05
7		12	17		30	27		47	37		65	47		82
70	1	23	170	2	98	270	4	73	370	6	48	470	8	23
8		14	18		32	28		49	38		67	48		84
80	1	40	180	3	15	280	4	90	380	6	65	480	8	40
9		16	19		33	29		51	39		68	49		86
90	1	58	190	3	33	290	5	08	390	6	83	490	8	58
10		18	20		35	30		53	40		70	50		88
100	1	75	200	3	50	300	5	25	400	7	00	500	8	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$0.80			2 CENTS.						\$0.80					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		02	11		22	21		42	31		62	41		82
10		20	110	2	20	210	4	20	310	6	20	410	8	20
2		04	12		24	22		44	32		64	42		84
20		40	120	2	40	220	4	40	320	6	40	420	8	40
3		06	13		26	23		46	33		66	43		86
30		60	130	2	60	230	4	60	330	6	60	430	8	60
4		08	14		28	24		48	34		68	44		88
40		80	140	2	80	240	4	80	340	6	80	440	8	80
5		10	15		30	25		50	35		70	45		90
50	I	00	150	3	00	250	5	00	350	7	00	450	9	00
6		12	16		32	26		52	36		72	46		92
60	I	20	160	3	20	260	5	20	360	7	20	460	9	20
7		14	17		34	27		54	37		74	47		94
70	I	40	170	3	40	270	5	40	370	7	40	470	9	40
8		16	18		36	28		56	38		76	48		96
80	I	60	180	3	60	280	5	60	380	7	60	480	9	60
9		18	19		38	29		58	39		78	49		98
90	I	80	190	3	80	290	5	80	390	7	80	490	9	80
10		20	20		40	30		60	40		80	50	I	00
100	2	00	200	4	00	300	6	00	400	8	00	500	I	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$0.90			2¼ CENTS.						2½ CENTS.			\$0.90		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		02	11		25	21		47	31		70	41		92
10		23	110	2	48	210	4	73	310	6	98	410	9	23
2		04	12		27	22		50	32		72	42		95
20		45	120	2	70	220	4	95	320	7	20	420	9	45
3		07	13		29	23		52	33		74	43		97
30		68	130	2	93	230	5	18	330	7	43	430	9	68
4		09	14		32	24		54	34		77	44		99
40		90	140	3	15	240	5	40	340	7	65	440	9	90
5		11	15		34	25		56	35		79	45	I	01
50	I	13	150	3	38	250	5	63	350	7	88	450	I	01
6		14	16		36	26		59	36		81	46	I	04
60	I	35	160	3	60	260	5	85	360	8	10	460	I	03
7		16	17		38	27		61	37		83	47	I	06
70	I	58	170	3	83	270	6	08	370	8	33	470	I	05
8		18	18		41	28		63	38		86	48	I	08
80	I	80	180	4	05	280	6	30	380	8	55	480	I	08
9		20	19		43	29		65	39		88	49	I	10
90	2	03	190	4	28	290	6	53	390	8	78	490	I	03
10		23	20		45	30		68	40		90	50	I	13
100	2	25	200	4	50	300	6	75	400	9	00	500	I	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$1.00			2½ CENTS.						\$1.00					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		03	11		28	21		53	31		78	41	1	03
10		25	110	2	75	210	5	25	310	7	75	410	10	25
2		05	12		30	22		55	32		80	42	1	05
20		50	120	3	00	220	5	50	320	8	00	420	10	50
3		08	13		33	23		58	33		83	43	1	08
30		75	130	3	25	230	5	75	330	8	25	430	10	75
4		10	14		35	24		60	34		85	44	1	10
40	1	00	140	3	50	240	6	00	340	8	50	440	11	00
5		13	15		38	25		63	35		88	45	1	13
50	1	25	150	5	75	250	6	25	350	8	75	450	11	25
6		15	16		40	26		65	36		90	46	1	15
60	1	50	160	4	00	260	6	50	360	9	00	460	11	50
7		18	17		43	27		68	37		93	47	1	18
70	1	75	170	4	25	270	6	75	370	9	25	470	11	75
8		20	18		45	28		70	38		95	48	1	20
80	2	00	180	4	50	280	7	00	380	9	50	480	12	00
9		23	19		48	29		73	39		98	49	1	23
90	2	25	190	4	75	290	7	25	390	9	75	490	12	25
10		25	20		50	30		75	40		100	50	1	25
100	2	50	200	5	00	300	7	50	400	10	00	500	12	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$1.25			3 1/8 CENTS.						\$1.25					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		03	11		34	21		66	31		97	41	1	28
10		31	110	3	44	210	6	56	310	9	69	410	12	31
2		06	12		38	22		69	32	1	00	42	1	31
20		63	120	3	75	220	6	88	320	10	00	420	13	13
3		09	13		41	23		72	33	1	03	43	1	34
30		94	130	4	06	230	7	19	330	10	31	430	13	44
4		12	14		44	24		75	34	1	06	44	1	38
40	1	25	140	4	38	240	7	50	340	10	63	440	13	75
5		15	15		47	25		78	35	1	18	45	1	41
50	1	56	150	4	69	250	7	81	350	11	94	450	14	06
6		19	16		50	26		81	36	1	13	46	1	44
60	1	85	160	5	00	260	8	13	360	11	25	460	14	38
7		22	17		53	27		84	37	1	16	47	1	47
70	2	19	170	5	31	270	8	44	370	11	56	470	14	69
8		25	18		56	28		88	38	1	19	48	1	50
80	2	50	180	5	63	280	8	75	380	11	88	480	15	00
9		28	19		59	29		91	39	1	22	49	1	53
90	2	81	190	5	94	290	9	06	390	12	19	490	15	31
10		31	20		63	30		94	40	1	25	50	1	56
100	3	13	200	6	25	300	9	38	400	12	50	500	15	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$1.50			3¾ CENTS.						\$1.50					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		04	11		41	21		79	31	1	16	41	1	54
10		38	110	4	13	210	7	88	310	11	63	410	15	38
2		08	12		45	22		83	32	1	20	42	1	58
20		75	120	4	50	220	8	25	320	12	00	420	15	75
3		11	13		49	23		86	33	1	24	43	1	61
30	1	13	130	4	88	230	8	63	330	12	38	430	16	13
4		15	14		53	24		90	34	1	28	44	1	65
40	1	50	140	5	25	240	9	00	340	12	75	440	16	50
5		19	15		56	25		94	35	1	31	45	1	69
50	1	88	150	5	63	250	9	38	350	13	13	450	16	88
6		23	16		60	26		98	36	1	35	46	1	73
60	2	25	160	6	00	260	9	75	360	13	50	460	17	25
7		26	17		64	27		101	37	1	39	47	1	76
70	2	63	170	6	38	270	10	13	370	13	88	470	17	63
8		30	18		68	28		105	38	1	43	48	1	80
80	3	00	180	6	75	280	10	50	380	14	25	480	18	00
9		34	19		71	29		109	39	1	46	49	1	84
90	3	38	190	7	13	290	10	88	390	14	63	490	18	38
10		38	20		75	30		113	40	1	50	50	1	88
100	3	75	200	7	50	300	11	25	400	15	00	500	18	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$1.75			4¾ CENTS.						\$1.75					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		05	11		48	21		92	31	1	36	41	1	79
10		44	110	4	81	210	9	19	310	13	56	410	17	94
2		10	12		53	22		96	32	1	40	42	1	84
20		88	120	5	25	220	9	63	320	14	00	420	18	38
3		13	13		57	23		101	33	1	44	43	1	88
30	1	31	130	5	69	230	10	06	330	14	44	430	18	81
4		18	14		61	24		105	34	1	49	44	1	93
40	1	75	140	6	13	240	10	50	340	14	88	440	19	25
5		22	15		66	25		109	35	1	53	45	1	97
50	2	19	150	6	56	250	10	94	350	15	31	450	19	69
6		26	16		70	26		114	36	1	58	46	2	02
60	2	63	160	7	00	260	11	38	360	15	75	460	20	13
7		31	17		74	27		118	37	1	62	47	2	06
70	3	06	170	7	44	270	11	81	370	16	19	470	20	56
8		35	18		79	28		123	38	1	66	48	2	10
80	3	50	180	7	88	280	12	25	380	16	63	480	21	00
9		39	19		83	29		127	39	1	71	49	2	14
90	3	94	190	8	31	290	12	69	390	17	06	490	21	44
10		44	20		88	30		131	40	1	75	50	2	19
100	4	38	200	8	75	300	13	13	400	17	50	500	21	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$2.00			5 CENTS.						\$2.00					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		05	11		55	21	1	05	31	1	55	41	2	05
10		50	110	5	50	210	10	50	310	15	50	410	20	50
2		10	12		60	22	1	10	32	1	60	42	2	10
20	1	00	120	6	00	220	11	00	320	16	00	420	21	00
3		15	13		65	23	1	15	33	1	65	43	2	15
30	1	50	130	6	50	230	11	50	330	16	50	430	21	50
4		20	14		70	24	1	20	34	1	70	44	2	20
40	2	00	140	7	00	240	12	00	340	17	00	440	22	00
5		25	15		75	25	1	25	35	1	75	45	2	25
50	2	50	150	7	50	250	12	50	350	17	50	450	22	50
6		30	16		80	26	1	30	36	1	80	46	2	30
60	3	00	160	8	00	260	13	00	360	18	00	460	23	00
7		35	17		85	27	1	35	37	1	85	47	2	35
70	3	50	170	8	50	270	13	50	370	18	50	470	23	50
8		40	18		90	28	1	40	38	1	90	48	2	40
80	4	00	180	9	00	280	14	00	380	19	00	480	24	00
9		45	19		95	29	1	45	39	1	95	49	2	45
90	4	50	190	9	50	290	14	50	390	19	50	490	24	50
10		50	20		100	30	1	50	40	2	00	50	2	50
100	5	00	200	10	00	300	15	00	400	20	00	500	25	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$2.25			5½ CENTS.						\$2.25					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		06	11		62	21	1	18	31	1	74	41	2	31
10		56	110	6	19	210	11	82	310	17	44	410	23	06
2		11	12		68	22	1	24	32	1	80	42	2	36
20	1	13	120	6	75	220	12	38	320	18	00	420	23	63
3		17	13		73	23	1	29	33	1	86	43	2	42
30	1	69	130	7	31	230	12	94	330	18	56	430	24	19
4		23	14		79	24	1	35	34	1	91	44	2	48
40	2	25	140	7	88	240	13	50	340	19	13	440	24	75
5		28	15		84	25	1	41	35	1	97	45	2	53
50	2	81	150	8	44	250	14	07	350	19	69	450	25	31
6		34	16		90	26	1	46	36	2	03	46	2	59
60	3	38	160	9	00	260	14	63	360	20	25	460	25	88
7		39	17		96	27	1	52	37	2	08	47	2	64
70	3	94	170	9	56	270	15	19	370	20	81	470	26	44
8		45	18		101	28	1	58	38	2	14	48	2	50
80	4	50	180	10	13	280	15	75	380	21	38	480	25	00
9		51	19		107	29	1	63	39	2	19	49	2	76
90	5	06	190	10	69	290	16	32	390	21	94	490	27	56
10		56	20		113	30	1	69	40	2	25	50	2	81
100	5	63	200	11	25	300	16	88	400	22	50	500	28	12

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$2.50			6¼ CENTS.						\$2.50					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		06	11		69	21	1	31	31	1	94	41	2	56
10		63	110	6	88	210	13	13	310	19	38	410	25	63
2		13	12		75	22	1	38	32	2	00	42	2	63
20	1	25	120	7	50	220	13	75	320	20	00	420	26	25
3		19	13		81	23	1	44	33	2	06	43	2	69
30	1	88	130	8	13	230	14	38	330	20	63	430	26	88
4		25	14		88	24	1	50	34	2	13	44	2	75
40	2	50	140	8	75	240	15	00	340	21	25	440	27	50
5		31	15		94	25	1	56	35	2	19	45	2	81
50	3	13	150	9	38	250	15	63	350	21	88	450	28	13
6		38	16		100	26	1	63	36	2	25	46	2	88
60	3	75	160	10	00	260	16	25	360	22	50	460	28	75
7		44	17		106	27	1	69	37	2	31	47	2	94
70	4	38	170	10	63	270	16	88	370	23	13	470	29	38
8		50	18		113	28	1	75	38	2	38	48	3	00
80	5	00	180	11	25	280	17	50	380	23	75	480	30	00
9		56	19		119	29	1	81	39	2	44	49	3	06
90	5	63	190	11	88	290	18	13	390	24	38	490	30	63
10		63	20		125	30	1	88	40	2	50	50	3	13
100	6	25	200	12	50	300	18	75	400	25	00	500	31	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$2.75			6⅞ CENTS.						\$2.75					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		07	11		76	21	1	44	31	2	13	41	2	82
10		69	110	7	56	210	14	44	310	21	31	410	28	19
2		14	12		83	22	1	51	32	2	20	42	2	89
20	1	38	120	8	25	220	15	13	320	22	00	420	28	88
3		21	13		89	23	1	58	33	2	27	43	2	96
30	2	06	130	8	94	230	15	81	330	22	69	430	29	56
4		28	14		96	24	1	65	34	2	34	44	3	03
40	2	75	140	9	63	240	16	50	340	23	38	440	30	25
5		34	15		103	25	1	72	35	2	41	45	3	09
50	3	44	150	10	31	250	17	19	350	24	06	450	30	94
6		41	16		110	26	1	79	36	2	48	46	3	16
60	4	13	160	11	00	260	17	88	360	24	75	460	31	63
7		48	17		117	27	1	86	37	2	54	47	3	23
70	4	81	170	11	69	270	18	56	370	25	44	470	32	31
8		55	18		124	28	1	93	38	2	61	48	3	30
80	5	50	180	12	38	280	19	25	380	26	13	480	33	00
9		62	19		131	29	1	99	39	2	68	49	3	37
90	6	19	190	13	06	290	19	94	390	26	81	490	33	69
10		69	20		138	30	2	06	40	2	75	50	3	44
100	6	88	200	13	75	300	20	63	400	27	50	500	34	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$3.00			7½ CENTS.									\$3.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		08	11		83	21	1	58	31	2	33	41	3	08
10		75	110	8	25	210	15	75	310	23	25	410	30	75
2		15	12		90	22	1	65	32	2	40	42	3	15
20	1	50	120	9	00	220	16	50	320	24	00	420	31	50
3		23	13		98	23	1	73	33	2	48	43	3	23
30	2	25	130	9	75	230	17	25	330	24	75	430	32	25
4		30	14	1	05	24	1	80	34	2	55	44	3	30
40	3	00	140	10	50	240	18	00	340	25	50	440	33	00
5		38	15	1	13	25	1	88	35	2	63	45	3	38
50	3	75	150	11	25	250	18	75	350	26	25	450	33	75
6		45	16	1	20	26	1	95	36	2	70	46	3	45
60	4	50	160	12	00	260	19	50	360	27	00	460	34	50
7		53	17	1	28	27	2	03	37	2	78	47	3	53
70	5	25	170	12	75	270	20	25	370	27	75	470	35	25
8		60	18	1	35	28	2	10	38	2	85	48	3	60
80	6	00	180	13	50	280	21	00	380	28	50	480	36	00
9		66	19	1	43	29	2	18	39	2	93	49	3	68
90	6	75	190	14	25	290	21	75	390	29	25	490	36	75
10		75	20	1	50	30	2	25	40	3	00	50	3	75
100	7	50	200	15	00	300	22	50	400	30	00	500	37	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$3.25			8½ CENTS.									\$3.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		08	11		89	21	1	71	31	2	52	41	3	33
10		81	110	8	94	210	17	06	310	25	19	410	33	31
2		16	12		98	22	1	79	32	2	60	42	3	41
20	1	63	120	9	75	220	17	88	320	26	00	420	34	13
3		24	13	1	06	23	1	87	33	2	68	43	3	49
30	2	44	130	10	56	230	18	69	330	26	81	430	34	94
4		33	14	1	14	24	1	95	34	2	76	44	3	58
40	3	25	140	11	38	240	19	50	340	27	63	440	35	75
5		41	15	1	22	25	2	03	35	2	84	45	3	66
50	4	06	150	12	19	250	20	31	350	28	44	450	36	56
6		49	16	1	30	26	2	11	36	2	93	46	3	74
60	4	88	160	13	00	260	21	13	360	29	25	460	37	38
7		57	17	1	38	27	2	19	37	3	01	47	3	82
70	5	69	170	13	81	270	21	94	370	30	06	470	38	19
8		65	18	1	46	28	2	28	38	3	09	48	3	90
80	6	50	180	14	63	280	22	75	380	30	88	480	39	00
9		73	19	1	54	29	2	36	39	3	17	49	3	98
90	7	31	190	15	44	290	23	56	390	31	69	490	39	81
10		81	20	1	63	30	2	44	40	3	25	50	4	06
100	8	13	200	16	25	300	24	38	400	32	50	500	40	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$3.50			8¾ CENTS.						\$3.50					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		09	11		96	21	1	84	31	2	71	41	3	59
10		88	110	9	63	210	18	38	310	27	13	410	35	88
2		18	12	1	05	22	1	93	32	2	80	42	3	68
20	1	75	120	10	50	220	19	25	320	28	00	420	36	75
3		26	13	1	14	23	2	01	33	2	89	43	3	76
30	2	63	130	11	38	230	20	13	330	28	88	430	37	63
4		35	14	1	23	24	2	10	34	2	98	44	3	85
40	3	50	140	12	25	240	21	00	340	29	75	440	38	50
5		44	15	1	31	25	2	19	35	3	06	45	3	94
50	4	38	150	13	13	250	21	88	350	30	63	450	39	38
6		53	16	1	40	26	2	28	36	3	15	46	4	03
60	5	25	160	14	00	260	22	75	360	31	50	460	40	25
7		61	17	1	49	27	2	36	37	3	24	47	4	11
70	6	13	170	14	88	270	23	63	370	32	38	470	41	13
8		70	18	1	58	28	2	45	38	3	33	48	4	20
80	7	00	180	15	75	280	24	50	380	33	25	480	42	00
9		79	19	1	66	29	2	54	39	3	41	49	4	29
90	7	88	190	16	63	290	25	38	390	34	13	490	42	88
10		88	20	1	75	30	2	63	40	3	50	50	4	38
100	8	75	200	17	50	300	26	25	400	35	00	500	43	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$3.75			9¾ CENTS.						\$3.75					
Cubic Feet.	¢	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	¢	Cts.	Cubic Feet.	¢	Cts.
1		09	11	1	03	21	1	97	31	2	91	41	3	84
10		94	110	10	31	210	19	69	310	29	06	410	38	44
2		19	12	1	13	22	2	06	32	3	00	42	3	94
20	1	88	120	11	25	220	20	63	320	30	00	420	39	38
3		28	13	1	22	23	2	16	33	3	09	43	4	03
30	2	81	130	12	19	230	21	56	330	30	94	430	40	31
4		38	14	1	31	24	2	25	34	3	19	44	4	13
40	3	75	140	13	13	240	22	50	340	31	88	440	41	25
5		47	15	1	41	25	2	34	35	3	28	45	4	22
50	4	69	150	14	06	250	23	44	350	32	81	450	42	19
6		56	16	1	50	26	2	44	36	3	38	46	4	31
60	5	63	160	15	00	260	24	38	360	33	75	460	43	13
7		66	17	1	60	27	2	53	37	3	47	47	4	41
70	6	56	170	15	94	270	25	31	370	34	69	470	44	06
8		75	18	1	69	28	2	03	38	3	56	48	4	50
80	7	50	180	16	88	280	26	25	380	35	63	480	45	00
9		84	19	1	78	29	2	72	39	3	66	49	4	59
90	8	44	190	17	81	290	27	19	390	36	56	490	45	94
10		94	20	1	87	30	2	81	40	3	75	50	4	69
100	9	38	200	18	75	300	28	13	400	37	50	500	46	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$4.00			10 CENTS.									\$4.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		10	11	1	10	21	2	10	31	3	10	41	4	10
10	1	00	110	11	00	210	21	00	310	31	00	410	41	00
2		20	12	1	20	22	2	20	32	3	20	42	4	20
20	2	00	120	12	00	220	22	00	320	32	00	420	42	00
3		30	13	1	30	23	2	30	33	3	30	43	4	30
30	3	00	130	13	00	230	23	00	330	33	00	430	43	00
4		40	14	1	40	24	2	40	34	3	40	44	4	40
40	4	00	140	14	00	240	24	00	340	34	00	440	44	00
5		50	15	1	50	25	2	50	35	3	50	45	4	50
50	5	00	150	15	00	250	25	00	350	35	00	450	45	00
6		60	16	1	60	26	2	60	36	3	60	46	4	60
60	6	00	160	16	00	260	26	00	360	36	00	460	46	00
7		70	17	1	70	27	2	70	37	3	70	47	4	70
70	7	00	170	17	00	270	27	00	370	37	00	470	47	00
8		80	18	1	80	28	2	80	38	3	80	48	4	80
80	8	00	180	18	00	280	28	00	380	38	00	480	48	00
9		90	19	1	90	29	2	90	39	3	90	49	4	90
90	9	00	190	19	00	290	29	00	390	39	00	490	49	00
10	1	00	20	2	00	30	3	00	40	4	00	50	5	00
100	10	00	200	20	00	300	30	00	400	40	00	500	50	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$4.25			10½ CENTS.									\$4.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		11	11	1	17	21	2	23	31	3	29	41	4	36
10	1	06	110	11	69	210	22	31	310	32	94	410	43	56
2		21	12	1	28	22	2	34	32	3	40	42	4	46
20	2	13	120	12	75	220	23	38	320	34	00	420	44	63
3		32	13	1	38	23	2	44	33	3	51	43	4	57
30	3	19	130	13	81	230	24	44	330	35	06	430	45	69
4		43	14	1	49	24	2	55	34	3	61	44	4	68
40	4	25	140	14	88	240	25	50	340	36	13	440	46	75
5		53	15	1	59	25	2	66	35	3	72	45	4	78
50	5	31	150	15	94	250	26	56	350	37	19	450	47	81
6		64	16	1	70	26	2	76	36	3	83	46	4	89
60	6	38	160	17	00	260	27	63	360	38	25	460	48	88
7		74	17	1	81	27	2	87	37	3	93	47	4	99
70	7	44	170	18	06	270	28	69	370	39	31	470	49	94
8		85	18	1	91	28	2	98	38	4	04	48	5	10
80	8	50	180	19	13	280	29	75	380	40	38	480	51	00
9		96	19	2	02	29	3	08	39	4	14	49	5	21
90	9	56	190	20	19	290	30	81	390	41	44	490	52	06
10	1	06	20	2	13	30	3	19	40	4	25	50	5	31
100	10	63	200	21	25	300	31	88	400	42	50	500	53	13

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$4.50			11¼ CENTS.						\$4.50					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		11	11	1	24	21	2	36	31	3	49	41	4	61
10	1	13	110	12	38	210	23	63	310	34	88	410	46	13
2		23	12	1	35	22	2	48	32	3	60	42	4	73
20	2	26	120	13	50	220	24	75	320	36	00	420	47	25
3		34	13	1	46	23	2	59	33	3	71	43	4	84
30	3	38	130	14	63	230	25	88	330	37	13	430	48	38
4		45	14	1	58	24	2	70	34	3	83	44	4	95
40	4	50	140	15	75	240	27	00	340	38	25	440	49	50
5		56	15	1	69	25	2	81	35	3	94	45	5	06
50	5	63	150	16	88	250	28	13	350	39	38	450	50	63
6		66	16	1	80	26	2	93	36	4	05	46	5	18
60	6	75	160	18	00	260	29	25	360	40	50	460	51	75
7		79	17	1	91	27	3	04	37	4	16	47	5	29
70	7	88	170	19	13	270	30	38	370	41	63	470	52	88
8		90	18	2	03	28	3	15	38	4	28	48	5	40
80	9	00	180	20	25	280	31	50	380	42	75	480	54	00
9	1	01	19	2	14	29	3	26	39	4	39	49	5	51
90	10	13	190	21	38	290	32	63	390	43	88	490	55	13
10	1	13	20	2	25	30	3	38	40	4	50	50	5	63
100	11	25	200	22	50	300	33	75	400	45	00	500	56	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$4.75			11½ CENTS.						\$4.75					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		12	11	1	31	21	2	49	31	3	68	41	4	87
10	1	19	110	13	06	210	24	94	310	36	81	410	48	69
2		24	12	1	43	22	2	61	32	3	80	42	4	99
20	2	38	120	14	25	220	26	13	320	38	00	420	49	88
3		36	13	1	54	23	2	73	33	3	92	43	5	11
30	3	56	130	15	44	230	27	31	330	39	19	430	51	06
4		48	14	1	66	24	2	85	34	4	04	44	5	23
40	4	75	140	16	63	240	28	50	340	40	38	440	52	25
5		59	15	1	78	25	2	97	35	4	16	45	5	34
50	5	94	150	17	81	250	29	69	350	41	56	450	53	44
6		71	16	1	90	26	3	09	36	4	28	46	5	46
60	7	13	160	19	00	260	30	88	360	42	75	460	54	63
7		83	17	2	02	27	3	21	37	4	39	47	5	58
70	8	31	170	20	19	270	32	06	370	43	94	470	55	81
8		95	18	2	14	28	3	33	38	4	51	48	5	70
80	9	50	180	21	38	280	33	25	380	45	13	480	57	00
9	1	07	19	2	26	29	3	44	39	4	63	49	5	82
90	10	69	190	22	56	290	34	44	390	46	31	490	58	19
10	1	19	20	2	38	30	3	56	40	4	75	50	5	94
100	11	88	200	23	75	300	35	63	400	47	50	500	59	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$5.00			12½ CENTS.									\$5.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		13	11	1	38	21	2	63	31	3	88	41	5	13
10	1	25	110	13	75	210	26	25	310	38	75	410	51	25
2		25	12	1	50	22	2	75	32	4	00	42	5	25
20	2	50	120	15	00	220	27	50	320	40	00	420	52	50
3		38	13	1	63	23	2	88	33	4	13	43	5	38
30	3	75	130	16	25	230	28	75	330	41	25	430	53	75
4		50	14	1	75	24	3	00	34	4	25	44	5	50
40	5	00	140	17	50	240	30	00	340	42	50	440	55	00
5		63	15	1	88	25	3	13	35	4	38	45	5	63
50	6	25	150	18	75	250	31	25	350	43	75	450	56	25
6		75	16	2	00	26	3	25	36	4	50	46	5	75
60	7	50	160	20	00	260	32	50	360	45	00	460	57	50
7		88	17	1	13	27	3	38	37	4	63	47	5	88
70	8	75	170	21	25	270	33	75	370	46	25	470	58	75
8		100	18	2	25	28	3	50	38	4	75	48	6	00
80	10	00	180	22	50	280	35	00	380	47	50	480	60	00
9		113	19	2	38	29	3	63	39	4	88	49	6	13
90	11	25	190	23	75	290	36	25	390	48	75	490	61	25
10		125	20	2	50	30	3	75	40	5	00	50	6	25
100	12	50	200	25	00	300	37	50	400	50	00	500	62	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$5.25			13½ CENTS.									\$5.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		13	11	1	44	21	2	76	31	4	07	41	5	38
10	1	31	110	14	44	210	27	56	310	40	69	410	53	81
2		26	12	1	58	22	2	89	32	4	20	42	5	51
20	2	63	120	15	75	220	28	88	320	42	00	420	55	13
3		40	13	1	71	23	3	02	33	4	33	43	5	64
30	3	94	130	17	06	230	30	19	330	43	31	430	56	44
4		53	14	1	84	24	3	15	34	4	46	44	5	78
40	5	25	140	18	38	240	31	50	340	44	63	440	57	75
5		66	15	1	97	25	3	28	35	4	59	45	5	91
50	6	56	150	19	69	250	32	81	350	45	94	450	59	06
6		79	16	2	10	26	3	41	36	4	73	46	6	04
60	7	88	160	21	00	260	34	13	360	47	25	460	60	38
7		92	17	2	23	27	3	54	37	4	86	47	6	17
70	9	19	170	22	31	270	35	44	370	48	56	470	61	69
8		105	18	2	36	28	3	68	38	4	99	48	6	30
80	10	50	180	23	63	280	36	75	380	49	88	480	63	00
9		118	19	2	49	29	3	81	39	5	12	49	6	43
90	11	81	190	24	94	290	38	06	390	51	19	490	64	31
10		131	20	2	63	30	3	94	40	5	25	50	6	56
100	13	13	200	26	25	300	39	38	400	52	50	500	65	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$5.50			13¼ CENTS.						\$5.50					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		14	11	1	51	21	2	89	31	4	26	41	5	64
10	1	38	110	15	13	210	28	88	310	42	63	410	56	38
2		28	12	1	65	22	3	03	32	4	40	42	5	78
20	2	75	120	16	50	220	30	25	320	44	00	420	57	75
3		41	13	1	79	23	3	19	33	4	54	43	5	91
30	4	13	130	17	88	230	31	63	330	45	38	430	59	13
4		55	14	1	93	24	3	30	34	4	68	44	6	05
40	5	50	140	19	25	240	33	00	340	46	75	440	60	50
5		69	15	2	06	25	3	44	35	4	81	45	6	19
50	6	88	150	20	63	250	34	38	350	48	13	450	61	88
6		83	16	2	20	26	3	57	36	4	95	46	6	33
60	8	25	160	22	00	260	35	75	360	49	50	460	63	25
7		96	17	2	34	27	3	71	37	5	09	47	6	46
70	9	63	170	23	38	270	37	13	370	50	88	470	64	63
8	1	10	18	2	48	28	3	85	38	5	23	48	6	60
80	11	00	180	24	75	280	38	50	380	52	25	480	66	00
9	1	24	19	2	61	29	3	99	39	5	36	49	6	74
90	12	38	190	26	13	290	39	88	390	53	63	490	67	38
10	1	38	20	2	75	30	4	13	40	5	50	50	6	88
100	13	75	200	27	50	300	41	25	400	55	00	500	68	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$5.75			14¾ CENTS.			\$5.75								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		14	11	1	62	21	3	02	31	4	46	41	5	89
10	1	44	110	15	81	210	30	19	310	44	56	410	58	94
2		29	12	1	73	22	3	16	32	4	60	42	6	04
20	2	88	120	17	25	220	31	63	320	46	00	420	60	38
3		43	13	1	87	23	3	31	33	4	74	43	6	18
30	4	31	130	18	69	230	33	06	330	47	44	430	61	81
4		58	14	2	01	24	3	45	34	4	89	44	6	33
40	5	75	140	20	13	240	34	50	340	48	88	440	63	25
5		72	15	2	16	25	3	59	35	5	03	45	6	47
50	7	19	150	21	56	250	35	94	350	50	31	450	64	69
6		86	16	2	30	26	3	74	36	5	18	46	6	61
60	8	63	160	23	00	260	37	38	360	51	75	460	66	13
7	1	01	17	2	44	27	3	88	37	5	32	47	6	76
70	10	06	170	24	44	270	38	81	370	53	19	470	67	56
8	1	15	18	2	59	28	4	03	38	5	46	48	6	90
80	11	50	180	25	88	280	40	25	380	54	63	480	69	00
9	1	29	19	2	73	29	4	28	39	5	61	49	7	04
90	12	94	190	27	31	290	41	69	390	56	06	490	70	44
10	1	44	20	2	88	30	4	31	40	5	75	50	7	19
100	14	38	200	28	75	300	43	13	400	57	50	500	71	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$6.00			15 CENTS.						\$6.00					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		15	11	1	65	21	3	15	31	4	65	41	6	15
10	1	50	110	16	50	210	31	50	310	46	50	410	61	50
2		30	12	1	80	22	3	30	32	4	80	42	6	30
20	3	00	120	18	00	220	33	00	320	48	00	420	63	00
3		45	13	1	95	23	3	45	33	4	95	43	6	45
30	4	50	130	19	50	230	34	50	330	49	50	430	64	50
4		60	14	2	10	24	3	60	34	5	10	44	6	60
40	6	00	140	21	00	240	36	00	340	51	00	440	66	00
5		75	15	2	25	25	3	75	35	5	25	45	6	75
50	7	50	150	22	50	250	37	50	350	52	50	450	67	50
6		90	16	2	40	26	3	90	36	5	40	46	6	90
60	9	00	160	24	00	260	39	00	360	54	00	460	69	00
7	1	05	17	2	55	27	4	05	37	5	55	47	7	05
70	10	50	170	25	50	270	40	50	370	55	50	470	70	50
8	1	20	18	2	70	28	4	20	38	5	70	48	7	20
80	12	00	180	27	00	280	42	00	380	57	00	480	72	00
9	1	35	19	2	85	29	4	35	39	5	85	49	7	35
90	13	50	190	28	50	290	43	50	390	58	50	490	73	50
10	1	50	20	3	00	30	4	50	40	6	00	50	7	50
100	15	00	200	30	00	300	45	00	400	60	00	500	75	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$6.25			15½ CENTS.						\$6.25					
Cubic Feet.	¢	Cts.	Cubic Feet.	¢	Cts.	Cubic Feet.	¢	Cts.	Cubic Feet.	¢	Cts.	Cubic Feet.	¢	Cts.
1		16	11	1	72	21	3	28	31	4	84	41	6	41
10	1	56	110	17	19	210	32	81	310	48	44	410	64	06
2		31	12	1	88	22	3	44	32	5	00	42	6	56
20	3	13	120	18	75	220	34	38	320	50	00	420	65	63
3		47	13	2	03	23	3	59	33	5	16	43	6	72
30	4	69	130	20	31	230	35	94	330	51	56	430	67	19
4		63	14	2	19	24	3	75	34	5	31	44	6	88
40	6	25	140	21	88	240	37	50	340	53	13	440	68	75
5		78	15	2	34	25	3	91	35	5	47	45	7	03
50	7	81	150	23	44	250	39	06	350	54	69	450	70	31
6		94	16	2	50	26	4	06	36	5	63	46	7	19
60	9	38	160	25	00	260	40	63	360	56	25	460	71	88
7	1	09	17	2	66	27	4	22	37	5	78	47	7	34
70	10	94	170	26	56	270	42	19	370	57	81	470	73	44
8	1	25	18	2	81	28	4	38	38	5	94	48	7	50
80	12	50	180	28	13	280	43	75	380	59	38	480	75	00
9	1	42	19	2	97	29	4	53	39	6	09	49	7	66
90	14	06	190	29	69	290	45	31	390	60	94	490	76	56
10	1	56	20	3	13	30	4	69	40	6	25	50	7	81
100	15	63	200	31	25	300	46	88	400	62	50	500	78	13

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$6.50			16 1/4 CENTS.									\$6.50		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		16	11	1	79	21	3	41	31	5	04	41	6	66
10	1	63	110	17	88	210	34	13	310	50	38	410	66	63
2		33	12	1	95	22	3	58	32	5	20	42	6	83
20	3	25	120	19	50	220	35	75	320	52	00	420	68	25
3		49	13	2	11	23	3	74	33	5	36	43	6	99
30	4	88	130	21	13	230	37	38	330	53	63	430	69	88
4		65	14	2	28	24	3	90	34	5	53	44	7	15
40	6	50	140	22	75	240	39	00	340	55	25	440	71	50
5		81	15	2	44	25	4	06	35	5	69	45	7	31
50	8	13	150	24	38	250	40	63	350	56	88	450	73	13
6		98	16	2	60	26	4	23	36	5	85	46	7	48
60	9	75	160	26	00	260	42	25	360	58	50	460	74	75
7		14	17	2	76	27	4	39	37	6	01	47	7	64
70	11	38	170	27	63	270	43	88	370	60	13	470	76	38
8		30	18	2	93	28	4	55	38	6	18	48	7	80
80	13	00	180	29	25	280	45	50	380	61	75	480	78	00
9		46	19	3	09	29	4	71	39	6	34	49	7	96
90	14	63	190	30	88	290	47	13	390	63	38	490	79	63
10		63	20	3	25	30	4	88	40	6	50	50	8	13
100	16	25	200	32	50	300	48	75	400	65	00	500	81	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$6.75			16 1/4 CENTS.									\$6.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		17	11	1	86	21	3	54	31	5	23	41	6	92
10	1	69	110	18	56	210	35	44	310	52	31	410	69	19
2		34	12	2	03	22	3	71	32	5	40	42	7	09
20	3	38	120	20	25	220	37	13	320	54	00	420	70	88
3		51	13	2	19	23	3	88	33	5	57	43	7	26
30	5	06	130	21	94	230	38	81	330	55	69	430	72	56
4		66	14	2	36	24	4	05	34	5	74	44	7	43
40	6	75	140	23	63	240	40	50	340	57	38	440	74	25
5		84	15	2	53	25	4	22	35	5	91	45	7	59
50	8	44	150	25	31	250	42	19	350	59	06	450	75	94
6		101	16	2	70	26	4	39	36	6	08	46	7	76
60	10	13	160	27	00	260	43	88	360	60	75	460	77	63
7		118	17	2	87	27	4	56	37	6	24	47	7	93
70	11	81	170	28	69	270	45	56	370	62	44	470	79	31
8		35	18	3	04	28	4	73	38	6	41	48	8	10
80	13	50	180	30	38	280	47	25	380	64	13	480	81	00
9		52	19	3	21	29	4	89	39	6	58	49	8	27
90	15	19	190	32	06	290	48	94	390	65	81	490	82	69
10		69	20	3	38	30	5	06	40	6	75	50	8	44
100	16	88	200	33	75	300	50	63	400	67	50	500	84	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$7.00			17½ CENTS.			\$7.00								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		18	11	1	93	21	3	68	31	5	43	41	7	18
10	1	75	110	19	25	210	36	75	310	54	25	410	71	75
2		35	12	2	10	22	3	85	32	5	60	42	7	35
20	3	50	120	21	00	220	38	50	320	56	00	420	73	50
3		53	13	2	28	23	4	03	33	5	78	43	7	53
30	5	25	130	22	75	230	40	25	330	57	75	430	75	25
4		70	14	2	45	24	4	20	34	5	95	44	7	70
40	7	00	140	24	50	240	42	00	340	59	50	440	77	00
5		88	15	2	63	25	4	38	35	6	13	45	7	88
50	8	75	150	26	25	250	43	75	350	61	25	450	78	75
6	1	05	16	2	80	26	4	55	36	6	30	46	8	05
60	10	50	160	28	00	260	45	50	360	63	00	460	80	50
7	1	23	17	2	98	27	4	73	37	6	48	47	8	23
70	12	25	170	29	75	270	47	25	370	64	75	470	82	25
8	1	40	18	3	15	28	4	90	38	6	65	48	8	40
80	14	00	180	31	50	280	49	00	380	66	50	480	84	00
9	1	58	19	3	33	29	5	08	39	6	83	49	8	58
90	15	75	190	33	25	290	50	75	390	68	25	490	85	75
10	1	75	20	3	50	30	5	25	40	7	00	50	8	75
100	17	50	200	35	00	300	52	50	400	70	00	500	87	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$7.25			18½ CENTS.						\$7.25					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		18	11	1	99	21	3	81	31	5	62	41	7	43
10	1	81	110	19	94	210	38	06	310	56	19	410	74	31
2		36	12	2	18	22	3	99	32	5	80	42	7	61
20	3	63	120	21	75	220	39	88	320	58	00	420	76	13
3		54	13	2	36	23	4	17	33	5	98	43	7	79
30	5	44	130	23	56	230	41	69	330	59	81	430	77	94
4		73	14	2	54	24	4	35	34	6	16	44	7	98
40	7	25	140	25	38	240	43	50	340	61	63	440	79	75
5		91	15	2	72	25	4	53	35	6	34	45	8	16
50	9	06	150	27	19	250	45	31	350	63	44	450	81	56
6	1	09	16	2	90	26	4	71	36	6	53	46	8	34
60	10	88	160	29	00	260	47	13	360	65	25	460	83	38
7	1	27	17	3	08	27	4	89	37	6	71	47	8	52
70	12	69	170	30	81	270	48	94	370	67	06	470	85	19
8	1	45	18	3	26	28	5	08	38	6	89	48	8	70
80	14	50	180	32	63	280	50	75	380	68	88	480	87	00
9	1	63	19	3	44	29	5	26	39	7	07	49	8	88
90	16	31	190	34	44	290	52	56	390	70	69	490	88	81
10	1	81	20	3	63	30	5	44	40	7	25	50	9	06
100	18	13	200	36	25	300	54	38	400	72	50	500	90	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$7.50			18 $\frac{3}{4}$ CENTS.									\$7.50		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		19	11	2	06	21	3	94	31	5	81	41	7	69
10	1	88	110	20	63	210	39	38	310	58	13	410	76	88
2		38	12	2	25	22	4	13	32	6	00	42	7	88
20	3	75	120	22	50	220	41	25	320	60	00	420	78	75
3		56	13	2	44	23	4	31	33	6	19	43	8	06
30	5	63	130	24	38	230	43	13	330	61	88	430	80	63
4		75	14	2	63	24	4	50	34	6	38	44	8	25
40	7	50	140	26	25	240	45	00	340	63	75	440	82	50
5		94	15	2	81	25	4	69	35	6	56	45	8	44
50	9	38	150	28	13	250	46	88	350	65	63	450	84	38
6		11	16	3	00	26	4	88	36	6	75	46	8	63
60	11	25	160	30	00	260	48	75	360	67	50	460	86	25
7		13	17	3	19	27	5	06	37	6	94	47	8	81
70	13	13	170	31	88	270	50	63	370	69	38	470	88	13
8		50	18	3	38	28	5	25	38	7	13	48	9	00
80	15	00	180	33	75	280	52	50	380	71	25	480	90	00
9		69	19	3	56	29	5	44	39	7	31	49	9	19
90	16	88	190	35	63	290	54	38	390	73	13	490	91	88
10		88	20	3	75	30	5	63	40	7	50	50	9	38
100	18	75	200	37	50	300	56	25	400	75	00	500	93	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$7.75			19 $\frac{3}{8}$ CENTS.									\$7.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		19	11	2	13	21	4	07	31	6	01	41	7	94
10	1	94	110	21	31	210	40	69	310	60	06	410	79	44
2		34	12	2	33	22	4	26	32	6	20	42	8	14
20	3	88	120	23	25	220	42	63	320	62	00	420	81	38
3		58	13	2	52	23	4	46	33	6	39	43	8	33
30	5	81	130	25	19	230	44	56	330	63	94	430	83	31
4		78	14	2	71	24	4	65	34	6	59	44	8	53
40	7	75	140	27	13	240	46	50	340	65	88	440	85	25
5		97	15	2	91	25	4	84	35	6	78	45	8	72
50	9	69	150	29	06	250	48	44	350	67	81	450	87	19
6		116	16	3	10	26	5	04	36	6	98	46	8	91
60	11	63	160	31	00	260	50	38	360	69	75	460	89	13
7		136	17	3	29	27	5	23	37	7	17	47	9	11
70	13	56	170	32	94	270	52	31	370	71	69	470	91	06
8		55	18	3	49	28	5	43	38	7	36	48	9	30
80	15	50	180	34	88	280	54	25	380	73	63	480	93	00
9		74	19	3	68	29	5	62	39	7	56	49	9	49
90	17	44	190	36	81	290	56	19	390	75	56	490	94	94
10		94	20	3	88	30	5	81	40	7	75	50	9	69
100	19	38	200	38	75	300	58	13	400	77	50	500	96	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$8.00			20 CENTS.									\$8.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		20	11	2	20	21	4	20	31	6	20	41	8	20
10	2	00	110	22	00	210	42	00	310	62	00	410	82	00
2		40	12	2	40	22	4	40	32	6	40	42	8	40
20	4	00	120	24	00	220	44	00	320	64	00	420	84	00
3		60	13	2	60	23	4	60	33	6	60	43	8	60
30	6	00	130	26	00	230	46	00	330	66	00	430	86	00
4		80	14	2	80	24	4	80	34	6	80	44	8	80
40	8	00	140	28	00	240	48	00	340	68	00	440	88	00
5		100	15	3	00	25	5	00	35	7	00	45	9	00
50	10	00	150	30	00	250	50	00	350	70	00	450	90	00
6		120	16	3	20	26	5	20	36	7	20	46	9	20
60	12	00	160	32	00	260	52	00	360	72	00	460	92	00
7		140	17	3	40	27	5	40	37	7	40	47	9	40
70	14	00	170	34	00	270	54	00	370	74	00	470	94	00
8		160	18	3	60	28	5	60	38	7	60	48	9	60
80	16	00	180	36	00	280	56	00	380	76	00	480	96	00
9		180	19	3	80	29	5	80	39	7	80	49	9	80
90	18	00	190	38	00	290	58	00	390	78	00	490	98	00
10		200	20	4	00	30	6	00	40	8	00	50	10	00
100	20	00	200	40	00	300	60	00	400	80	00	500	100	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$8.25			20½ CENTS.									\$8.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		21	11	2	27	21	4	33	31	6	39	41	8	46
10	2	06	110	22	69	210	43	31	310	63	94	410	84	56
2		41	12	2	48	22	4	54	32	6	60	42	8	66
20	4	13	120	24	75	220	45	38	320	66	00	420	86	63
3		62	13	2	68	23	4	74	33	6	81	43	8	87
30	6	19	130	26	81	230	47	44	330	68	06	430	88	69
4		83	14	2	89	24	4	95	34	7	01	44	9	08
40	8	25	140	28	88	240	49	50	340	70	13	440	90	75
5		103	15	3	09	25	5	16	35	7	22	45	9	28
50	10	31	150	30	94	250	51	56	350	72	19	450	92	81
6		124	16	3	30	26	5	36	36	7	43	46	9	49
60	12	38	160	33	00	260	53	63	360	74	25	460	94	88
7		144	17	3	51	27	5	57	37	7	63	47	9	69
70	14	44	170	35	06	270	55	69	370	76	31	470	96	94
8		165	18	3	71	28	5	78	38	7	84	48	9	90
80	16	50	180	37	13	280	57	75	380	78	38	480	99	00
9		186	19	3	92	29	5	98	39	8	04	49	10	11
90	18	56	190	39	19	290	59	81	390	80	44	490	101	06
10		206	20	4	13	30	6	19	40	8	25	50	10	31
100	20	63	200	41	25	300	61	88	400	82	50	500	103	13

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$8.50			21¼ CENTS.									\$8.50		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		21	11	2	34	21	4	46	31	6	59	41	8	71
10	2	13	110	23	38	210	44	63	310	65	88	410	87	13
2		43	12	2	55	22	4	68	32	6	80	42	8	93
20	4	25	120	25	50	220	46	75	320	68	00	420	89	25
3		64	13	2	76	23	4	89	33	7	01	43	9	14
30	6	38	130	27	63	230	48	88	330	70	13	430	91	38
4		85	14	2	98	24	5	10	34	7	23	44	9	35
40	8	50	140	29	75	240	51	00	340	72	25	440	93	50
5	1	06	15	3	19	25	5	31	35	7	44	45	9	56
50	10	63	150	31	88	250	53	13	350	74	38	450	95	63
6	1	28	16	3	40	26	5	53	36	7	65	46	9	78
60	12	75	160	34	00	260	55	25	360	76	50	460	97	75
7	1	49	17	3	61	27	5	74	37	7	86	47	9	99
70	14	88	170	36	13	270	57	38	370	78	63	470	99	88
8	1	70	18	3	83	28	5	95	38	8	08	48	10	20
80	17	00	180	38	25	280	59	50	380	80	75	480	102	00
9	1	91	19	4	04	29	6	16	39	8	29	49	10	41
90	19	13	190	40	38	290	61	63	390	82	88	490	104	13
10	2	13	20	4	25	30	6	38	40	8	50	50	10	63
100	21	25	200	42	50	300	63	75	400	85	00	500	106	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$8.75			21½ CENTS.									\$8.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		22	11	2	41	21	4	59	31	6	78	41	8	97
10	2	19	110	24	06	210	45	94	310	67	81	410	89	69
2		44	12	2	63	22	4	81	32	7	00	42	9	19
20	4	38	120	26	25	220	48	13	320	70	00	420	91	88
3		66	13	2	84	23	5	03	33	7	22	43	9	41
30	6	56	130	28	44	230	50	31	330	72	19	430	94	06
4		88	14	3	06	24	5	25	34	7	44	44	9	63
40	8	75	140	30	63	240	52	50	340	74	38	440	96	25
5	1	09	15	3	28	25	5	47	35	7	66	45	9	84
50	10	94	150	32	81	250	54	69	350	76	56	450	98	44
6	1	31	16	3	50	26	5	69	36	7	88	46	10	06
60	13	13	160	35	00	260	56	88	360	78	75	460	100	63
7	1	53	17	3	72	27	5	91	37	8	09	47	10	28
70	15	31	170	37	19	270	59	06	370	80	94	470	102	81
8	1	75	18	3	94	28	6	13	38	8	31	48	10	50
80	17	50	180	39	38	280	61	25	380	83	13	480	105	00
9	1	97	19	4	16	29	6	34	39	8	53	49	10	72
90	19	69	190	41	56	290	63	44	390	85	31	490	107	19
10	2	19	20	4	38	30	6	56	40	8	75	50	10	94
100	21	88	200	43	75	300	65	63	400	87	50	500	109	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$9.00			22½ CENTS.						22½ CENTS.			\$9.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		23	11	2	48	21	4	73	31	6	98	41	9	23
10	2	25	110	24	75	210	47	25	310	69	75	410	92	25
2		45	12	2	70	22	4	95	32	7	20	42	9	45
20	4	50	120	27	00	220	49	50	320	72	00	420	94	50
3		68	13	2	93	23	5	18	33	7	43	43	9	68
30	6	75	130	29	25	230	51	75	330	74	25	430	96	75
4		90	14	3	15	24	5	40	34	7	65	44	9	90
40	9	00	140	31	50	240	54	00	340	76	50	440	99	00
5	1	13	15	3	38	25	5	63	35	7	88	45	10	13
50	11	25	150	33	75	250	56	25	350	78	75	450	101	25
6	1	35	16	3	60	26	5	85	36	8	10	46	10	35
60	13	50	160	36	00	260	58	50	360	81	00	460	103	50
7	1	58	17	3	83	27	6	08	37	8	33	47	10	58
70	15	75	170	38	25	270	60	75	370	83	25	470	105	75
8	1	80	18	4	05	28	6	30	38	8	55	48	10	80
80	18	00	180	40	50	280	63	00	380	85	50	480	108	00
9	2	03	19	4	28	29	6	53	39	8	78	49	11	03
90	20	25	190	42	75	290	65	25	390	87	75	490	110	25
10	2	25	20	4	50	30	6	75	40	9	00	50	11	25
100	22	50	200	45	00	300	67	50	400	90	00	500	112	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$9.25			23½ CENTS.						23½ CENTS.			\$9.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		23	11	2	54	21	4	86	31	7	17	41	9	48
10	2	31	110	25	44	210	48	56	310	71	69	410	94	81
2		46	12	2	78	22	5	09	32	7	40	42	9	71
20	4	63	120	27	75	220	50	88	320	74	00	420	97	13
3		69	13	3	01	23	5	32	33	7	63	43	9	94
30	6	94	130	30	06	230	53	19	330	76	31	430	99	44
4		93	14	3	24	24	5	55	34	7	86	44	10	18
40	9	25	140	32	38	240	55	50	340	78	63	440	101	75
5	1	16	15	3	47	25	5	78	35	8	09	45	10	41
50	11	56	150	34	69	250	57	81	350	80	94	450	106	06
6	1	38	16	3	70	26	6	01	36	8	33	46	10	64
60	13	88	160	37	60	260	60	13	360	83	25	460	106	38
7	1	62	17	3	93	27	6	24	37	8	56	47	10	87
70	16	19	170	39	31	270	62	44	370	85	56	470	108	69
8	1	85	18	4	16	28	6	48	38	8	79	48	11	10
80	18	50	180	41	63	280	64	75	380	87	88	480	111	00
9	2	08	19	4	39	29	6	71	39	9	02	49	11	33
90	20	81	190	43	94	290	67	06	390	90	19	490	113	31
10	2	31	20	4	63	30	6	94	40	9	25	50	11	56
100	23	13	200	46	25	300	69	38	400	92	50	500	115	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$9.50			23 $\frac{3}{4}$ CENTS.									\$9.50		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		24	11	2	61	21	4	99	31	7	36	41	9	74
10	2	38	110	26	13	210	49	88	310	73	63	410	97	38
2		48	12	2	85	22	5	23	32	7	60	42	9	98
20	4	75	120	28	50	220	52	25	320	76	00	420	99	75
3		71	13	3	09	23	5	46	33	7	84	43	10	21
30	7	13	130	30	88	230	54	63	330	78	38	430	102	13
4		95	14	3	33	24	5	70	34	8	08	44	10	45
40	9	50	140	33	25	240	57	00	340	80	75	440	104	50
5		119	15	3	56	25	5	94	35	8	31	45	10	69
50	11	88	150	35	63	250	59	38	350	83	13	450	106	88
6		143	16	3	80	26	6	18	36	8	55	46	10	93
60	14	25	160	38	00	260	61	75	360	85	50	460	109	25
7		166	17	4	04	27	6	41	37	8	79	47	11	16
70	16	63	170	40	38	270	64	13	370	87	88	470	111	63
8		190	18	4	28	28	6	65	38	9	03	48	11	40
80	19	00	180	42	75	280	66	50	380	90	25	480	114	00
9		214	19	4	51	29	6	89	39	9	26	49	11	64
90	21	38	190	45	13	290	68	88	390	92	63	490	116	38
10		238	20	4	75	30	7	13	40	9	50	50	11	88
100	23	75	200	47	50	300	71	25	400	95	00	500	118	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$9.75			24 $\frac{3}{8}$ CENTS.									\$9.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		24	11	2	68	21	5	12	31	7	56	41	9	99
10	2	44	110	26	81	210	51	19	310	75	56	410	99	94
2		49	12	2	93	22	5	36	32	7	80	42	10	24
20	4	88	120	29	25	220	53	63	320	78	00	420	102	38
3		73	13	3	17	23	5	61	33	8	04	43	10	48
30	7	31	130	31	69	230	56	06	330	80	44	430	104	81
4		98	14	3	41	24	5	85	34	8	29	44	10	73
40	9	75	140	34	13	240	58	50	340	82	88	440	107	25
5		122	15	3	66	25	6	09	35	8	53	45	10	97
50	12	19	150	36	56	250	60	94	350	85	31	450	109	69
6		146	16	3	90	26	6	34	36	8	78	46	11	21
60	14	63	160	39	00	260	63	38	360	87	75	460	112	13
7		171	17	4	14	27	6	58	37	9	02	47	11	46
70	17	06	170	41	44	270	65	81	370	90	19	470	114	56
8		195	18	4	39	28	6	83	38	9	26	48	11	70
80	19	50	180	43	88	280	68	25	380	92	63	480	117	00
9		219	19	4	63	29	7	07	39	9	51	49	11	94
90	21	94	190	46	31	290	70	69	390	95	06	490	119	44
10		244	20	4	88	30	7	31	40	9	75	50	12	19
100	24	38	200	48	75	300	73	13	400	97	50	500	121	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$10.00			25 CENTS.						\$10.00					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		25	11	2	75	21	5	25	31	7	75	41	10	25
10	2	50	110	27	50	210	52	50	310	77	50	410	102	50
2		50	12	3	00	22	5	50	32	8	00	42	10	50
20	5	00	120	30	00	220	55	00	320	80	00	420	105	00
3		75	13	3	25	23	5	75	33	8	25	43	10	75
30	7	50	130	32	50	230	57	50	330	82	50	430	107	50
4		100	14	3	50	24	6	00	34	8	50	44	11	00
40	10	00	140	35	00	240	60	00	340	85	00	440	110	00
5		125	15	3	75	25	6	25	35	8	75	45	11	25
50	12	50	150	37	50	250	62	50	350	87	50	450	112	50
6		150	16	4	00	26	6	50	36	9	00	46	11	50
60	15	00	160	40	00	260	65	00	360	90	00	460	115	00
7		175	17	4	25	27	6	75	37	9	25	47	11	75
70	17	50	170	42	50	270	67	50	370	92	50	470	117	50
8		200	18	4	50	28	7	00	38	9	50	48	12	00
80	20	00	180	45	00	280	70	00	380	95	00	480	120	00
9		225	19	4	75	29	7	25	39	9	75	49	12	25
90	22	50	190	47	50	290	72	50	390	97	50	490	122	50
10		250	20	5	00	30	7	50	40	10	00	50	12	50
100	25	00	200	50	00	300	75	00	400	100	00	500	125	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$10.25			25½ CENTS.						\$10.25					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		26	11	2	82	21	5	38	31	7	94	41	10	51
10	2	56	110	28	19	210	53	81	310	79	44	410	105	06
2		51	12	3	08	22	5	64	32	8	20	42	10	76
20	5	13	120	30	75	220	56	38	320	82	00	420	107	63
3		77	13	3	33	23	5	89	33	8	46	43	11	02
30	7	69	130	33	31	230	58	94	330	84	56	430	110	19
4	1	03	14	3	59	24	6	15	34	8	71	44	11	28
40	10	25	140	35	88	240	61	50	340	87	13	440	112	75
5	1	28	15	3	84	25	6	41	35	8	97	45	11	53
50	12	81	150	38	44	250	64	06	350	89	69	450	115	31
6	1	54	16	4	10	26	6	66	36	9	23	46	11	79
60	15	38	160	41	00	260	66	63	360	92	25	460	117	88
7	1	79	17	4	36	27	6	92	37	9	48	47	12	04
70	17	94	170	43	56	270	69	19	370	94	81	470	120	44
8	2	05	18	4	61	28	7	18	38	9	74	48	12	30
80	20	50	180	46	13	280	71	75	380	97	38	480	123	00
9	2	31	19	4	87	29	7	43	39	9	99	49	12	56
90	23	06	190	48	69	290	74	31	390	99	94	490	125	56
10	2	56	20	5	13	30	7	69	40	10	25	50	12	81
100	25	63	200	51	25	300	76	88	400	102	50	500	128	11

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$10.50			26¼ CENTS.						\$10.50					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		26	11	2	89	21	5	51	31	8	14	41	10	76
10	2	63	110	28	88	210	55	13	310	81	38	410	107	63
2		53	12	3	15	22	5	78	32	8	40	42	11	03
20	5	25	120	31	50	220	57	75	320	84	00	420	110	25
3		79	13	3	41	23	6	04	33	8	66	43	11	29
30	7	88	130	34	13	230	60	38	330	86	63	430	112	88
4	1	05	14	3	68	24	6	30	34	8	93	44	11	55
40	10	50	140	36	75	240	63	00	340	89	25	440	115	50
5	1	31	15	3	94	25	6	56	35	9	19	45	11	81
50	13	13	150	39	38	250	65	63	350	91	88	450	118	13
6	1	58	16	4	20	26	6	83	36	9	45	46	12	08
60	15	75	160	42	00	260	68	25	360	94	50	460	120	75
7	1	84	17	4	46	27	7	09	37	9	71	47	12	34
70	18	38	170	44	63	270	70	88	370	97	13	470	123	38
8	2	10	18	4	73	28	7	35	38	9	98	48	12	60
80	21	00	180	47	25	280	73	50	380	99	75	480	126	00
9	2	36	19	4	99	29	7	61	39	10	24	49	12	86
90	23	63	190	49	88	290	76	13	390	102	38	490	128	63
10	2	63	20	5	25	30	7	88	40	10	50	50	13	13
100	26	25	200	52	50	300	78	75	400	105	00	500	131	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$10.75			26½ CENTS.						\$10.75					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		27	11	2	96	21	5	64	31	8	33	41	11	02
10	2	69	110	29	56	210	56	44	310	83	31	410	110	19
2		54	12	3	23	22	5	91	32	8	60	42	11	29
20	5	38	120	32	25	220	59	13	320	86	00	420	112	88
3		81	13	3	49	23	6	18	33	8	87	43	11	56
30	8	06	130	34	94	230	61	81	330	88	69	430	115	56
4	1	08	14	3	76	24	6	45	34	9	14	44	11	83
40	10	75	140	37	63	240	64	50	340	91	38	440	118	25
5	1	34	15	4	03	25	6	72	35	9	41	45	12	09
50	13	44	150	40	31	250	67	19	350	94	06	450	120	94
6	1	61	16	4	30	26	6	99	36	9	68	46	12	36
60	16	13	160	43	00	260	69	88	360	96	75	460	123	63
7	1	88	17	4	57	27	7	26	37	9	94	47	12	63
70	18	81	170	45	69	270	72	56	370	99	44	470	126	31
8	2	15	18	4	84	28	7	53	38	10	21	48	12	90
80	21	50	180	48	38	280	75	25	380	102	13	480	129	00
9	2	42	19	5	11	29	7	79	39	10	48	49	13	17
90	24	19	190	51	06	290	77	94	390	104	81	490	131	69
10	2	69	20	5	38	30	8	06	40	10	75	50	13	44
100	26	88	200	53	75	300	80	63	400	107	50	500	134	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$11.00			27½ CENTS.									\$11.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		28	11	3	03	21	5	78	31	8	53	41	11	28
10	2	75	110	30	25	210	57	75	310	85	25	410	112	75
2		55	12	3	30	22	6	05	32	8	00	42	11	55
20	5	50	120	33	00	220	60	50	320	88	00	420	115	50
3		83	13	3	58	23	6	33	33	9	08	43	11	83
30	8	25	130	35	75	230	63	25	330	90	75	430	118	25
4		100	14	3	85	24	6	60	34	9	35	44	12	10
40	11	00	140	38	50	240	66	00	340	93	50	440	121	00
5		138	15	4	13	25	6	88	35	9	63	45	12	38
50	13	75	150	41	25	250	68	75	350	96	25	450	123	75
6		165	16	4	40	26	7	15	36	9	90	46	12	65
60	16	50	160	44	00	260	71	50	360	99	00	460	126	50
7		193	17	4	68	27	7	43	37	10	18	47	12	93
70	19	25	170	46	75	270	74	25	370	101	75	470	129	25
8		220	18	4	95	28	7	70	38	10	45	48	13	20
80	22	00	180	49	50	280	77	00	380	104	50	480	132	00
9		248	19	5	23	29	7	98	39	10	73	49	13	48
90	24	75	190	52	25	290	79	75	390	107	25	490	134	75
10		275	20	5	50	30	8	25	40	11	00	50	13	75
100	27	50	200	55	00	300	82	50	400	110	00	500	137	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$11.25			28⅞ CENTS.									\$11.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		28	11	3	09	21	5	91	31	8	72	41	11	53
10	2	81	110	30	94	210	59	06	310	87	19	410	115	31
2		56	12	3	38	22	6	19	32	9	00	42	11	81
20	5	63	120	33	75	220	61	88	320	90	00	420	118	13
3		84	13	3	66	23	6	47	33	9	28	43	12	09
30	8	44	130	36	56	230	64	69	330	92	81	430	120	94
4		113	14	3	94	24	6	75	34	9	56	44	12	38
40	11	25	140	39	38	240	67	50	340	95	63	440	123	75
5		141	15	4	22	25	7	03	35	9	84	45	12	66
50	14	06	150	42	19	250	70	31	350	98	44	450	126	56
6		169	16	4	50	26	7	31	36	10	13	46	12	94
60	16	88	160	45	00	260	73	13	360	101	25	460	129	38
7		197	17	4	78	27	7	59	37	10	41	47	13	22
70	19	69	170	47	81	270	75	94	370	104	06	470	132	19
8		225	18	5	06	28	7	88	38	10	69	48	13	50
80	22	50	180	50	63	280	78	75	380	106	88	480	135	00
9		253	19	5	34	29	8	16	39	10	97	49	13	78
90	25	31	190	53	44	290	81	56	390	109	69	490	137	81
10		281	20	5	63	30	8	44	40	11	25	50	14	06
100	28	13	200	56	25	300	84	38	400	112	50	500	140	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$11.50			28 $\frac{3}{4}$ CENTS.									\$11.50		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		29	11	3	16	21	6	04	31	8	91	41	11	79
10	2	88	110	31	63	210	60	38	310	89	13	410	117	88
2		58	12	3	45	22	6	33	32	9	20	42	12	08
20	5	75	120	34	50	220	63	25	320	92	00	420	120	75
3		86	13	3	74	23	6	61	33	9	49	43	12	36
30	8	63	130	37	38	230	66	13	330	94	88	430	123	63
4	1	15	14	4	03	24	6	90	34	9	78	44	12	65
40	11	50	140	40	25	240	69	00	340	97	75	440	125	50
5	1	44	15	4	31	25	7	19	35	10	06	45	12	94
50	14	38	150	43	13	250	71	88	350	100	63	450	129	38
6	1	73	16	4	60	26	7	48	36	10	35	46	13	23
60	17	25	160	46	00	260	74	75	360	103	50	460	132	25
7	2	01	17	4	89	27	7	76	37	10	64	47	13	51
70	20	13	170	48	88	270	77	63	370	106	38	470	135	13
8	2	30	18	5	18	28	8	05	38	10	93	48	13	50
80	23	00	180	51	75	280	80	50	380	109	25	480	138	00
9	2	59	19	5	46	29	8	34	39	11	21	49	14	09
90	25	88	190	54	63	290	83	38	390	112	13	490	140	88
10	2	86	20	5	75	30	8	63	40	11	50	50	14	38
100	28	75	200	57	50	300	86	25	400	115	00	500	143	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$11.75			29 $\frac{3}{4}$ CENTS.									\$11.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		29	11	3	23	21	6	17	31	9	11	41	12	04
10	2	94	110	32	31	210	61	69	310	91	06	410	120	44
2		59	12	3	53	22	6	46	32	9	40	42	12	34
20	5	88	120	35	25	220	64	63	320	94	00	420	123	38
3		88	13	3	82	23	6	76	33	9	69	43	12	63
30	8	81	130	38	19	230	67	56	330	96	94	430	126	31
4	1	18	14	4	11	24	7	05	34	9	99	44	12	93
40	11	75	140	41	13	240	70	50	340	99	88	440	129	25
5	1	47	15	4	41	25	7	34	35	10	28	45	13	22
50	14	69	150	44	06	250	73	44	350	102	81	450	132	19
6	1	76	16	4	70	26	7	64	36	10	58	46	13	51
60	17	63	160	47	00	260	76	38	360	105	75	460	135	13
7	2	06	17	4	99	27	7	93	37	10	87	47	13	81
70	20	56	170	49	94	270	79	31	370	108	69	470	138	06
8	2	35	18	5	29	28	8	23	38	11	16	48	14	10
80	23	50	180	52	88	280	82	25	380	111	63	480	141	00
9	2	64	19	5	58	29	8	52	39	11	46	49	14	39
90	26	44	190	55	81	290	85	19	390	114	56	490	143	94
10	2	94	20	5	88	30	8	81	40	11	75	50	14	69
100	29	38	200	58	75	300	88	13	400	117	50	500	146	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$12.00			30 CENTS.									\$12.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		30	11	3	30	21	6	30	31	9	30	41	12	30
10	3	00	110	33	00	210	63	00	310	93	00	410	123	00
2		60	12	3	60	22	6	60	32	9	60	42	12	60
20	6	00	120	36	00	220	66	00	320	96	00	420	126	00
3		90	13	3	90	23	6	90	33	9	90	43	12	90
30	9	00	130	39	00	230	69	00	330	99	00	430	129	00
4	1	20	14	4	20	24	7	20	34	10	20	44	13	20
40	12	00	140	42	00	240	72	00	340	102	00	440	132	00
5	1	50	15	4	50	25	7	50	35	10	50	45	13	50
50	15	00	150	45	00	250	75	00	350	105	00	450	135	00
6	1	80	16	4	80	26	7	80	36	10	80	46	13	80
60	18	00	160	48	00	260	78	00	360	108	00	460	138	00
7	2	10	17	5	10	27	8	10	37	11	10	47	14	10
70	21	00	170	51	00	270	81	00	370	111	00	470	141	00
8	2	40	18	5	40	28	8	40	38	11	40	48	14	40
80	24	00	180	54	00	280	84	00	380	114	00	480	144	00
9	2	70	19	5	70	29	8	70	39	11	70	49	14	70
90	27	00	190	57	00	290	87	00	390	117	00	490	147	00
10	3	00	20	6	00	30	9	00	40	12	00	50	15	00
100	30	00	200	60	00	300	90	00	400	120	00	500	150	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$12.25			30% CENTS.									\$12.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		31	11	3	37	21	6	43	31	9	49	41	12	56
10	3	06	110	33	69	210	64	31	310	94	94	410	125	56
2		61	12	3	68	22	6	74	32	9	80	42	12	86
20	6	13	120	36	75	220	67	38	320	98	00	420	128	63
3		92	13	3	98	23	7	04	33	10	11	43	13	17
30	9	19	130	39	81	230	70	44	330	101	06	430	131	69
4	1	23	14	4	29	24	7	35	34	10	41	44	13	48
40	12	25	140	42	88	240	73	50	340	104	13	440	134	75
5	1	53	15	4	59	25	7	66	35	10	72	45	13	78
50	15	31	150	45	94	250	76	56	350	107	19	450	137	81
6	1	84	16	4	90	26	7	96	36	11	03	46	14	09
60	18	38	160	49	00	260	79	63	360	110	25	460	140	88
7	2	14	17	5	21	27	8	27	37	11	33	47	14	39
70	21	44	170	52	06	270	82	69	370	113	31	470	143	94
8	2	45	18	5	51	28	8	58	38	11	64	48	14	70
80	24	50	180	55	13	280	85	75	380	116	38	480	147	00
9	2	76	19	5	82	29	8	88	39	11	94	49	15	01
90	27	56	190	58	19	290	88	81	390	119	44	490	150	06
10	3	06	20	6	13	30	9	19	40	12	25	50	15	31
100	30	63	200	61	25	300	91	88	400	122	50	500	153	13

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$12.50			31¼ CENTS.			\$12.50								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		31	11	3	44	21	6	56	31	9	69	41	12	81
10	3	13	110	34	38	210	65	63	310	96	88	410	128	13
2		63	12	3	75	22	6	88	32	10	00	42	13	13
20	6	25	120	37	50	220	68	75	320	100	00	420	131	25
3		94	13	4	06	23	7	19	33	10	31	43	13	44
30	9	38	130	40	63	230	71	88	330	103	13	430	134	38
4		125	14	4	38	24	7	50	34	10	63	44	13	75
40	12	50	140	43	75	240	75	00	340	106	25	440	137	50
5		156	15	4	69	25	7	81	35	10	94	45	14	06
50	15	63	150	46	88	250	78	13	350	109	38	450	140	63
6		188	16	5	00	26	8	13	36	11	25	46	14	38
60	18	75	160	50	00	260	81	25	360	112	50	460	143	75
7		219	17	5	31	27	8	44	37	11	56	47	14	09
70	21	88	170	53	13	270	84	38	370	115	63	470	146	88
8		250	18	5	63	28	8	75	38	11	88	48	15	00
80	25	00	180	56	25	280	87	50	380	118	75	480	150	00
9		281	19	5	94	29	9	06	39	12	19	49	15	31
90	28	13	190	59	38	290	90	63	390	121	88	490	153	13
10		313	20	6	25	30	9	38	40	12	50	50	15	63
100	31	25	200	62	50	300	93	75	400	125	00	500	156	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$12.75			31½ CENTS.			\$12.75					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		32	11	3	51	21	6	69	31	9	88
10	3	19	110	35	06	210	66	94	310	98	81
2		64	12	3	83	22	7	01	32	10	20
20	6	38	120	38	25	220	70	13	320	102	00
3		97	13	4	14	23	7	33	33	10	52
30	9	56	130	41	44	230	73	31	330	105	19
4		128	14	4	46	24	7	65	34	10	84
40	12	75	140	44	63	240	76	50	340	108	38
5		159	15	4	78	25	7	97	35	11	16
50	15	94	150	47	81	250	79	69	350	111	56
6		191	16	5	10	26	8	29	36	11	48
60	19	13	160	51	00	260	82	88	360	114	75
7		223	17	5	42	27	8	61	37	11	79
70	22	31	170	54	19	270	86	06	370	117	94
8		255	18	5	74	28	8	93	38	12	11
80	25	50	180	57	38	280	89	25	380	121	13
9		287	19	6	06	29	9	24	39	12	43
90	28	69	190	60	56	290	92	44	390	124	31
10		319	20	6	38	30	9	56	40	12	75
100	31	88	200	63	75	300	95	63	400	127	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$13.00			32½ CENTS.									\$13.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		33	11	3	58	21	6	83	31	10	08	41	13	33
10	3	25	110	35	75	210	68	25	310	100	75	410	133	25
2		65	12	3	90	22	7	15	32	10	40	42	13	65
20	6	50	120	39	00	220	71	50	320	104	00	420	136	50
3		98	13	4	23	23	7	48	33	10	73	43	13	98
30	9	75	130	42	25	230	74	75	330	107	25	430	139	75
4		130	14	4	55	24	7	80	34	11	05	44	14	30
40	13	00	140	45	50	240	78	00	340	110	50	440	143	00
5		163	15	4	88	25	8	13	35	11	38	45	14	63
50	16	25	150	48	75	250	81	25	350	113	75	450	146	25
6		195	16	5	20	26	8	45	36	11	70	46	14	95
60	19	50	160	52	00	260	84	50	360	117	00	460	149	50
7		228	17	5	53	27	8	78	37	12	03	47	15	28
70	22	75	170	55	25	270	87	75	370	120	25	470	152	75
8		260	18	5	85	28	9	10	38	12	35	48	15	60
80	26	00	180	58	50	280	91	00	380	123	50	480	156	00
9		293	19	6	18	29	9	43	39	12	68	49	15	93
90	29	25	190	61	75	290	94	25	390	126	75	490	159	25
10		325	20	6	50	30	9	75	40	13	00	50	16	25
100	32	50	200	65	00	300	97	50	400	130	00	500	162	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$13.25			33⅓ CENTS.									\$13.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		33	11	3	64	21	6	96	31	10	27	41	13	58
10	3	31	110	36	44	210	69	56	310	102	69	410	135	81
2		66	12	3	98	22	7	29	32	10	60	42	13	91
20	6	62	120	39	75	220	72	88	320	106	00	420	139	13
3		99	13	4	31	23	7	62	33	10	93	43	14	24
30	9	94	130	43	06	230	76	19	330	109	31	430	142	44
4		133	14	4	64	24	7	95	34	11	26	44	14	58
40	13	25	140	46	38	240	79	50	340	112	63	440	145	75
5		166	15	4	97	25	8	28	35	11	59	45	14	91
50	16	56	150	49	69	250	82	81	350	115	94	450	149	06
6		199	16	5	30	26	8	61	36	11	93	46	15	24
60	19	88	160	53	00	260	86	13	360	119	25	460	152	38
7		232	17	5	63	27	8	94	37	12	26	47	15	57
70	23	19	170	56	31	270	89	44	370	122	56	470	155	69
8		265	18	5	96	28	9	28	38	12	59	48	15	90
80	26	50	180	59	63	280	92	75	380	125	88	480	159	00
9		298	19	6	29	29	9	61	39	12	92	49	16	23
90	29	81	190	62	94	290	96	06	390	129	19	490	162	31
10		331	20	6	63	30	9	94	40	13	25	50	16	56
100	33	13	200	66	25	300	99	38	400	132	50	500	165	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$13.50			33¾ CENTS.			\$13.50								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		34	11	3	71	21	7	09	31	10	46	41	13	84
10	3	38	110	37	13	210	70	88	310	104	63	410	138	38
2		68	12	4	05	22	7	43	32	10	80	42	14	18
20	6	75	120	40	50	220	74	25	320	108	00	420	141	75
3	1	01	13	4	39	23	7	76	33	11	14	43	14	51
30	10	13	130	43	88	230	77	63	330	111	38	430	145	13
4	1	35	14	4	73	24	8	10	34	11	48	44	14	85
40	13	50	140	47	25	240	81	00	340	114	75	440	148	50
5	1	69	15	5	06	25	8	44	35	11	81	45	15	19
50	16	88	150	50	63	250	84	38	350	118	13	450	151	88
6	2	03	16	5	40	26	8	78	36	12	15	46	15	53
60	20	25	160	54	00	260	87	75	360	121	50	460	155	25
7	2	36	17	5	74	27	9	11	37	12	49	47	15	86
70	23	63	170	57	38	270	91	13	370	124	88	470	158	63
8	2	70	18	6	08	28	9	45	38	12	83	48	16	20
80	27	00	180	60	75	280	94	50	380	128	25	480	162	00
9	3	04	19	6	41	29	9	79	39	13	16	49	16	54
90	30	38	190	64	13	290	97	88	390	131	63	490	165	38
10	3	38	20	6	75	30	10	13	40	13	50	50	16	88
100	33	75	200	67	50	300	101	25	400	135	00	500	168	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$13.75			34¾ CENTS.			\$13.75								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		34	11	3	78	21	7	22	31	10	66	41	14	09
10	3	44	110	37	81	210	72	19	310	106	56	410	140	94
2		69	12	4	13	22	7	56	32	11	00	42	14	44
20	6	88	120	41	25	220	75	63	320	110	00	420	144	38
3	1	03	13	4	47	23	7	91	33	11	34	43	14	78
30	10	31	130	44	69	230	79	06	330	113	44	430	147	81
4	1	38	14	4	81	24	8	25	34	11	69	44	15	13
40	13	75	140	48	13	240	82	50	340	116	88	440	151	25
5	1	72	15	5	16	25	8	59	35	12	03	45	15	47
50	17	19	150	51	56	250	85	94	350	120	31	450	154	69
6	2	06	16	5	50	26	8	94	36	12	38	46	15	81
60	20	63	160	55	00	260	89	38	360	123	75	460	158	13
7	2	41	17	5	84	27	9	28	37	12	72	47	16	16
70	24	06	170	58	44	270	92	81	370	127	19	470	161	56
8	2	75	18	6	19	28	9	63	38	13	06	48	16	50
80	27	50	180	61	88	280	96	25	380	130	63	480	165	00
9	3	09	19	6	53	29	9	97	39	13	41	49	16	84
90	30	94	190	65	31	290	99	69	390	134	06	490	168	44
10	3	44	20	6	88	30	10	37	40	13	75	50	17	19
100	34	38	200	68	75	300	103	13	400	137	50	500	171	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$14.00			35 CENTS.									\$14.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		35	11	3	85	21	7	35	31	10	85	41	14	35
10	3	50	110	38	50	210	73	50	310	108	50	410	143	50
2		70	12	4	20	22	7	70	32	11	20	42	14	70
20	7	00	120	42	00	220	77	00	320	112	00	420	147	00
3	1	05	13	4	55	23	8	05	33	11	55	43	15	05
30	10	50	130	45	50	230	80	50	330	115	50	430	150	50
4	1	40	14	4	90	24	8	40	34	11	90	44	15	40
40	14	00	140	49	00	240	84	00	340	119	00	440	154	00
5	1	75	15	5	25	25	8	75	35	12	25	45	15	75
50	17	50	150	52	50	250	87	50	350	122	50	450	157	50
6	2	10	16	5	60	26	9	10	36	12	60	46	16	10
60	21	00	160	56	00	260	91	00	360	126	00	460	161	00
7	2	45	17	5	95	27	9	45	37	12	95	47	16	45
70	24	50	170	59	50	270	94	50	370	129	50	470	164	50
8	2	80	18	6	30	28	9	80	38	13	30	48	16	80
80	28	00	180	63	00	280	98	00	380	133	00	480	168	00
9	3	15	19	6	65	29	10	15	39	13	65	49	17	15
90	31	50	190	66	50	290	101	50	390	136	50	490	171	50
10	3	50	20	7	00	30	10	50	40	14	00	50	17	50
100	35	00	200	70	00	300	105	00	400	140	00	500	175	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$14.25			35½ CENTS.									\$14.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		36	11	3	92	21	7	48	31	11	04	41	14	61
10	3	56	110	39	19	210	74	81	310	110	44	410	146	06
2		71	12	4	28	22	7	84	32	11	40	42	14	96
20	7	13	120	42	75	220	78	38	320	114	00	420	149	63
3	1	07	13	4	63	23	8	19	33	11	77	43	15	32
30	10	69	130	46	31	230	81	94	330	117	56	430	153	19
4	1	43	14	4	99	24	8	55	34	12	11	44	15	68
40	14	25	140	49	88	240	85	50	340	121	13	440	156	75
5	1	78	15	5	34	25	8	91	35	12	47	45	16	03
50	17	82	150	53	44	250	89	06	350	124	69	450	160	31
6	2	14	16	5	70	26	9	26	36	12	83	46	16	39
60	21	38	160	57	00	260	92	63	360	128	25	460	163	88
7	2	49	17	6	06	27	9	62	37	13	18	47	16	74
70	24	94	170	60	56	270	96	19	370	131	81	470	167	44
8	2	85	18	6	41	28	9	98	38	13	54	48	17	10
80	28	50	180	64	13	280	99	75	380	135	38	480	171	00
9	3	21	19	6	77	29	10	33	39	13	89	49	17	46
90	32	06	190	67	69	290	103	31	390	138	94	490	174	56
10	3	56	20	7	13	30	10	69	40	14	25	50	17	81
100	35	63	200	71	25	300	106	88	400	142	50	500	178	13

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$14.50			36¼ CENTS.									\$14.50		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		36	11	3	99	21	7	61	31	11	24	41	14	86
10	3	63	110	39	88	210	76	13	310	112	38	410	148	63
2		73	12	4	35	22	7	98	32	11	60	42	15	23
20	7	25	120	43	50	220	79	75	320	116	00	420	152	25
3	1	09	13	4	71	23	8	34	33	11	96	43	15	59
30	10	88	130	47	13	230	83	38	330	119	63	430	155	88
4	1	45	14	5	08	24	8	70	34	12	33	44	15	95
40	14	50	140	50	75	240	87	00	340	123	25	440	159	50
5	1	81	15	5	44	25	9	06	35	12	69	45	16	31
50	18	13	150	54	38	250	90	63	350	126	88	450	163	13
6	2	18	16	5	80	26	9	43	36	13	05	46	16	68
60	21	75	160	58	00	260	94	25	360	130	00	460	166	75
7	2	54	17	6	16	27	9	79	37	13	41	47	17	04
70	25	38	170	61	63	270	97	88	370	134	13	470	170	38
8	2	90	18	6	53	28	10	15	38	13	78	48	17	40
80	29	00	180	65	25	280	101	50	380	137	75	480	174	00
9	3	26	19	6	89	29	10	51	39	14	14	49	17	76
90	32	63	190	68	88	290	105	13	390	141	38	490	177	63
10	3	63	20	7	25	30	10	88	40	14	50	50	18	13
100	36	25	200	72	50	300	108	75	400	145	00	500	181	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$14.75			36⅞ CENTS.									\$14.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		37	11	4	06	21	7	74	31	11	43	41	15	12
10	3	69	110	40	56	210	77	44	310	114	31	410	151	19
2		74	12	4	43	22	8	11	32	11	80	42	15	49
20	7	38	120	44	25	220	81	13	320	118	00	420	154	88
3	1	11	13	4	79	23	8	48	33	12	17	43	15	86
30	11	06	130	47	94	230	84	81	330	121	69	430	158	56
4	1	48	14	5	16	24	8	85	34	12	54	44	16	23
40	14	75	140	51	63	240	88	50	340	125	38	440	162	25
5	1	84	15	5	53	25	9	22	35	12	91	45	16	59
50	18	44	150	55	31	250	92	19	350	129	06	450	165	94
6	2	21	16	5	90	26	9	59	36	13	28	46	16	96
60	22	13	160	59	00	260	95	88	360	132	75	460	169	63
7	2	58	17	6	27	27	9	96	37	13	64	47	17	33
70	25	81	170	62	69	270	99	56	370	136	44	470	173	31
8	2	95	18	6	64	28	10	33	38	14	01	48	17	70
80	29	50	180	66	38	280	103	25	380	140	13	480	177	00
9	3	32	19	7	01	29	10	69	39	14	38	49	18	07
90	33	19	190	70	06	290	106	94	390	143	81	490	180	69
10	3	69	20	7	38	30	11	06	40	14	75	50	18	44
100	36	88	200	73	75	300	110	63	400	147	50	500	184	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$15.00			37½ CENTS.			\$15.00								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		38	11	4	13	21	7	88	31	11	63	41	15	38
10	3	75	110	41	25	210	78	75	310	116	25	410	153	75
2		75	12	4	50	22	8	25	32	12	00	42	15	75
20	7	50	120	45	00	220	82	50	320	120	00	420	157	50
3	1	13	13	4	88	23	8	63	33	12	38	43	16	13
30	11	25	130	48	75	230	86	25	330	123	75	430	161	25
4	1	50	14	5	25	24	9	00	34	12	75	44	16	50
40	15	00	140	52	50	240	90	00	340	127	50	440	165	00
5	1	88	15	5	63	25	9	38	35	13	13	45	16	88
50	18	75	150	56	25	250	93	75	350	131	25	450	168	75
6	2	25	16	6	00	26	9	75	36	13	50	46	17	25
60	22	50	160	60	00	260	97	50	360	135	00	460	172	50
7	2	63	17	6	38	27	10	13	37	13	88	47	17	63
70	26	25	170	63	75	270	101	25	370	138	75	470	176	25
8	3	00	18	6	75	28	10	50	38	14	25	48	18	00
80	30	00	180	67	50	280	105	00	380	142	50	480	180	00
9	3	38	19	7	13	29	10	88	39	14	63	49	18	38
90	33	75	190	71	25	290	108	75	390	146	25	490	183	75
10	3	75	20	7	50	30	11	25	40	15	00	50	18	75
100	37	50	200	75	00	300	112	50	400	150	00	500	187	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$15.25			38⅞ CENTS.			\$15.25								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		38	11	4	19	21	8	01	31	11	82	41	15	63
10	3	81	110	41	94	210	80	06	310	118	19	410	156	31
2		76	12	4	58	22	8	39	32	12	20	42	16	01
20	7	63	120	45	75	220	83	88	320	122	00	420	160	13
3	1	14	13	4	96	23	8	77	33	12	58	43	16	39
30	11	44	130	49	56	230	87	69	330	125	81	430	163	94
4	1	53	14	5	34	24	9	15	34	12	96	44	16	78
40	15	25	140	53	38	240	91	50	340	129	63	440	167	75
5	1	91	15	5	72	25	9	53	35	13	34	45	17	16
50	19	06	150	57	19	250	95	31	350	133	44	450	171	56
6	2	29	16	6	10	26	9	91	36	13	73	46	17	54
60	22	88	160	61	00	260	99	13	360	137	25	460	175	38
7	2	67	17	6	48	27	10	29	37	14	11	47	17	92
70	26	69	170	64	81	270	102	94	370	141	06	470	179	19
8	3	05	18	6	86	28	10	68	38	14	49	48	18	30
80	30	50	180	68	63	280	106	75	380	144	88	480	183	00
9	3	43	19	7	24	29	11	06	39	14	87	49	18	68
90	34	31	190	72	44	290	110	56	390	148	69	490	186	81
10	3	81	20	7	63	30	11	44	40	15	25	50	19	06
100	38	13	200	76	25	300	114	38	400	152	50	500	190	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$15.50			38¾ CENTS.						\$15.50					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		39	11	4	26	21	8	14	31	12	01	41	15	89
10	3	88	110	42	63	210	81	38	310	120	13	410	158	88
2		78	12	4	65	22	8	53	32	12	40	42	16	28
20	7	75	120	46	50	220	85	25	320	124	00	420	162	75
3	1	16	13	5	04	23	8	91	33	12	79	43	16	66
30	11	63	130	50	38	230	89	13	330	127	88	430	166	63
4	1	55	14	5	43	24	9	30	34	13	18	44	17	05
40	15	50	140	54	25	240	93	00	340	131	75	440	170	50
5	1	94	15	5	81	25	9	69	35	13	56	45	17	44
50	19	38	150	58	13	250	96	88	350	135	63	450	174	38
6	2	33	16	6	20	26	10	08	36	13	95	46	17	83
60	23	25	160	62	00	260	100	75	360	139	50	460	178	25
7	2	71	17	6	59	27	10	46	37	14	34	47	18	21
70	27	13	170	65	88	270	104	63	370	143	38	470	182	13
8	3	10	18	6	98	28	10	85	38	14	73	48	18	60
80	31	00	180	69	75	280	108	50	380	147	25	480	186	00
9	3	49	19	7	36	29	11	24	39	15	11	49	18	99
90	34	88	190	73	63	290	112	38	390	151	13	490	189	88
10	3	88	20	7	75	30	11	63	40	15	50	50	19	38
100	38	75	200	77	50	300	116	25	400	155	00	500	193	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$15.75			39¾ CENTS.						\$15.75					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		39	11	4	33	21	8	27	31	12	21	41	16	14
10	3	94	110	43	31	210	82	69	310	122	06	410	161	44
2		79	12	4	73	22	8	66	32	12	60	42	16	54
20	7	88	120	47	25	220	86	63	320	126	00	420	165	38
3	1	18	13	5	12	23	9	06	33	12	99	43	16	93
30	11	81	130	51	19	230	90	56	330	129	94	430	169	31
4	1	58	14	5	51	24	9	45	34	13	39	44	17	33
40	15	75	140	55	13	240	94	50	340	133	88	440	173	25
5	1	97	15	5	91	25	9	84	35	13	78	45	17	72
50	19	69	150	59	06	250	98	44	350	137	81	450	177	19
6	2	36	16	6	30	26	10	24	36	14	18	46	18	11
60	23	63	160	63	00	260	102	38	360	141	75	460	181	13
7	2	76	17	6	69	27	10	63	37	14	57	47	18	51
70	27	56	170	66	94	270	106	31	370	145	69	470	185	06
8	3	15	18	7	09	28	11	03	38	14	96	48	18	90
80	31	50	180	70	88	280	110	25	380	149	63	480	189	00
9	3	54	19	7	48	29	11	42	39	15	36	49	19	29
90	35	44	190	74	81	290	114	19	390	153	56	490	192	94
10	3	94	20	7	86	30	11	81	40	15	75	50	19	69
100	39	38	200	78	75	300	118	13	400	157	50	500	196	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$16.00			40 CENTS.									\$16.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		40	11	4	40	21	8	40	31	12	40	41	16	40
10	4	00	110	44	00	210	84	00	310	124	00	410	164	00
2		80	12	4	80	22	8	80	32	12	80	42	16	80
20	8	00	120	48	00	220	88	00	320	128	00	420	168	00
3	1	20	13	5	20	23	9	20	33	13	20	43	17	20
30	12	00	130	52	00	230	92	00	330	132	00	430	172	00
4	1	60	14	5	60	24	9	60	34	13	60	44	17	60
40	16	00	140	56	00	240	96	00	340	136	00	440	176	00
5	2	00	15	6	00	25	10	00	35	14	00	45	18	00
50	20	00	150	60	00	250	100	00	350	140	00	450	180	00
6	2	40	16	6	40	26	10	40	36	14	40	46	18	40
60	24	00	160	64	00	260	104	00	360	144	00	460	184	00
7	2	80	17	6	80	27	10	80	37	14	80	47	18	80
70	28	00	170	68	00	270	108	00	370	148	00	470	188	00
8	3	20	18	7	20	28	11	20	38	15	20	48	19	20
80	32	00	180	72	00	280	112	00	380	152	00	480	192	00
9	3	60	19	7	60	29	11	60	39	15	60	49	19	60
90	36	00	190	76	00	290	116	00	390	156	00	490	196	00
10	4	00	20	8	00	30	12	00	40	16	00	50	20	00
100	40	00	200	80	00	300	120	00	400	160	00	500	200	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$16.25			40½ CENTS.									\$16.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		41	11	4	47	21	8	53	31	12	59	41	16	66
10	4	06	110	44	69	210	85	31	310	125	94	410	166	56
2		81	12	4	88	22	8	94	32	13	00	42	17	06
20	8	13	120	48	75	220	89	38	320	130	00	420	170	63
3	1	22	13	5	28	23	9	34	33	13	41	43	17	47
30	12	19	130	52	81	230	93	44	330	134	06	430	174	69
4	1	63	14	5	69	24	9	75	34	13	81	44	17	88
40	16	25	140	56	88	240	97	50	340	138	13	440	178	75
5	2	03	15	6	09	25	10	16	35	14	22	45	18	28
50	20	31	150	60	94	250	101	56	350	142	19	450	182	81
6	2	44	16	6	50	26	10	56	36	14	63	46	18	69
60	24	38	160	65	00	260	105	63	360	146	25	460	186	88
7	2	84	17	6	91	27	10	97	37	15	03	47	19	09
70	28	44	170	69	06	270	109	69	370	150	31	470	190	94
8	3	25	18	7	31	28	11	38	38	15	44	48	19	50
80	32	50	180	73	13	280	113	75	380	154	38	480	195	00
9	3	66	19	7	72	29	11	78	39	15	84	49	19	91
90	36	56	190	77	19	290	117	81	390	158	44	490	199	06
10	4	06	20	8	13	30	12	18	40	16	25	50	20	31
100	40	63	200	81	25	300	121	88	400	162	50	500	203	13

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$16.50			41¼ CENTS.									\$16.50		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		4 1	11	4	5 4	21	8	6 6	31	1 2	7 9	41	1 6	9 1
10	4	1 3	110	4 5	3 8	210	8 6	6 3	310	1 2 7	8 8	410	1 6 9	1 3
2		8 3	12	4	9 5	22	9	0 8	32	1 3	2 0	42	1 7	3 3
20	8	2 5	120	4 9	5 0	220	9 0	7 5	320	1 3 2	0 0	420	1 7 3	2 5
3	1	2 4	13	5	3 6	23	9	4 9	33	1 3	6 3	43	1 7	7 4
30	1 2	3 8	130	5 3	6 3	230	9 4	8 8	330	1 3 6	3 1	430	1 7 7	3 8
4	1	6 5	14	5	7 8	24	9	9 0	34	1 4	0 3	44	1 8	1 5
40	1 6	5 0	140	5 7	7 5	240	9 9	0 0	340	1 4 0	2 5	440	1 8 1	5 0
5	2	0 6	15	6	1 9	25	1 0	3 1	35	1 4	4 4	45	1 8	5 6
50	2 0	6 3	150	6 1	8 8	250	1 0 3	1 3	350	1 4 4	3 8	450	1 8 5	6 3
6	2	4 8	16	6	6 0	26	1 0	7 3	36	1 4	8 5	46	1 8	9 8
60	2 4	7 5	160	6 6	0 0	260	1 0 7	2 5	360	1 4 8	5 0	460	1 8 9	7 5
7	2	8 9	17	7	0 1	27	1 1	1 4	37	1 5	2 6	47	1 9	3 9
70	2 8	8 8	170	7 0	1 3	270	1 1 1	3 8	370	1 5 2	6 3	470	1 9 3	8 8
8	3	3 0	18	7	4 3	28	1 1	5 5	38	1 5	6 8	48	1 9	8 0
80	3 3	0 0	180	7 4	2 5	280	1 1 5	5 0	380	1 5 6	7 5	480	1 9 8	0 0
9	3	7 1	19	7	8 4	29	1 1	9 6	39	1 6	0 9	49	2 0	2 1
90	3 7	1 3	190	7 8	3 8	290	1 1 9	6 3	390	1 6 0	8 8	490	2 0 2	1 3
10	4	1 3	20	8	2 5	30	1 2	3 8	40	1 6	5 0	50	2 0	6 3
100	4 1	2 5	200	8 2	5 0	300	1 2 3	7 5	400	1 6 5	0 0	500	2 0 6	2 5

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$16.75			41⅞ CENTS.									\$16.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		4 2	11	4	6 1	21	8	7 9	31	1 2	9 8	41	1 7	1 7
10	4	1 9	110	4 6	0 6	210	8 7	9 4	310	1 2 9	8 1	410	1 7 1	6 9
2		8 4	12	5	0 3	22	9	2 1	32	1 3	4 0	42	1 7	5 9
20	8	3 8	120	5 0	2 5	220	9 2	1 3	320	1 3 4	0 0	420	1 7 5	8 8
3	1	2 6	13	5	4 4	23	9	6 3	33	1 3	8 2	43	1 8	0 1
30	1 2	5 6	130	5 4	4 4	230	9 6	3 1	330	1 3 8	1 9	430	1 8 0	0 6
4	1	6 8	14	5	8 6	24	1 0	0 5	34	1 4	2 4	44	1 8	4 3
40	1 6	7 5	140	5 8	6 3	240	1 0 0	5 0	340	1 4 2	3 8	440	1 8 4	2 5
5	2	0 9	15	6	2 8	25	1 0	4 7	35	1 4	6 6	45	1 8	8 4
50	2 0	9 4	150	6 2	8 1	250	1 0 4	6 9	350	1 4 6	5 6	450	1 8 8	4 4
6	2	5 1	16	6	7 0	26	1 0	8 9	36	1 5	0 8	46	1 9	2 6
60	2 5	1 3	160	6 7	0 0	260	1 0 8	8 8	360	1 5 0	7 5	460	1 9 2	6 3
7	2	9 3	17	7	1 2	27	1 1	3 1	37	1 5	4 9	47	1 9	6 8
70	2 9	3 1	170	7 1	1 9	270	1 1 3	0 6	370	1 5 4	9 4	470	1 9 6	8 1
8	3	3 5	18	7	5 4	28	1 1	7 3	38	1 5	9 1	48	2 0	1 0
80	3 3	5 0	180	7 5	3 8	280	1 1 7	2 5	380	1 5 9	1 3	480	2 0 1	0 0
9	3	7 7	19	7	9 6	29	1 2	1 4	39	1 6	3 3	49	2 0	5 2
90	3 7	6 9	190	7 9	5 6	290	1 2 1	4 4	390	1 6 3	3 1	490	2 0 5	1 9
10	4	1 9	20	8	3 8	30	1 2	5 6	40	1 6	7 5	50	2 0	9 4
100	4 1	8 8	200	8 3	7 5	300	1 2 5	6 3	400	1 6 7	5 0	500	2 0 9	3 8

CUBIC FEET.

40 CUBIC FEET ONE TON.



\$17.00

42½ CENTS.

\$17.00

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		43	11	4	68	21	8	93	31	13	18	41	17	43
10	4	25	110	46	75	210	89	25	310	131	75	410	174	25
2		85	12	5	10	22	9	35	32	13	60	42	17	85
20	8	50	120	51	00	220	93	50	320	136	00	420	178	50
3	1	28	13	5	53	23	9	78	33	14	03	43	18	28
30	12	75	130	55	25	230	97	75	330	140	25	430	182	75
4	1	70	14	5	95	24	10	20	34	14	45	44	18	70
40	17	00	140	59	50	240	102	00	340	144	50	440	187	00
5	2	13	15	6	38	25	10	63	35	14	88	45	19	13
50	21	25	150	63	75	250	106	25	350	148	75	450	191	25
6	2	55	16	6	80	26	11	05	36	15	30	46	19	55
60	25	50	160	68	00	260	110	50	360	153	00	460	195	50
7	2	96	17	7	23	27	11	48	37	15	73	47	19	98
70	29	75	170	72	25	270	114	75	370	157	25	470	199	75
8	3	40	18	7	65	28	11	90	38	16	15	48	20	40
80	34	00	180	76	50	280	119	00	380	161	50	480	204	00
9	3	83	19	8	08	29	12	33	39	16	58	49	20	83
90	38	25	190	80	75	290	123	25	390	165	75	490	208	25
10	4	25	20	8	50	30	12	75	40	17	00	50	21	25
100	42	50	200	85	00	300	127	50	400	170	00	500	212	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$17.25

43½ CENTS.

\$17.25

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		43	11	4	74	21	9	06	31	13	37	41	17	68
10	4	31	110	47	44	210	90	56	310	133	69	410	176	81
2		80	12	5	18	22	9	49	32	13	80	42	18	11
20	8	63	120	51	75	220	94	88	320	138	00	420	181	13
3	1	29	13	5	61	23	9	92	33	14	23	43	18	54
30	12	94	130	56	06	230	99	19	330	142	31	430	185	44
4	1	73	14	6	04	24	10	35	34	14	66	44	18	98
40	17	25	140	60	38	240	103	50	340	146	63	440	189	75
5	2	16	15	6	47	25	10	78	35	15	09	45	19	41
50	21	56	150	64	69	250	107	81	350	150	94	450	194	06
6	2	59	16	6	90	26	11	21	36	15	53	46	19	84
60	25	88	160	69	00	260	112	13	360	155	25	460	198	38
7	3	02	17	7	33	27	11	64	37	15	96	47	20	27
70	30	19	170	73	31	270	116	44	370	159	56	470	202	69
8	3	45	18	7	76	28	12	08	38	16	39	48	20	70
80	34	50	180	77	63	280	120	75	380	163	88	480	207	00
9	3	88	19	8	19	29	12	51	39	16	82	49	21	13
90	38	81	190	81	94	290	125	06	390	168	19	490	211	31
10	4	31	20	8	63	30	12	94	40	17	25	50	21	56
100	43	13	200	86	25	300	129	38	400	172	50	500	215	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$17.50			43¾ CENTS.			\$17.50								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		44	11	4	81	21	9	19	31	13	56	41	17	94
10	4	38	110	48	13	210	91	88	310	135	63	410	179	38
2		88	12	5	25	22	9	63	32	14	00	42	18	38
20	8	75	120	52	50	220	96	25	320	140	00	420	183	75
3	1	31	13	5	69	23	10	06	33	14	44	43	18	81
30	13	13	130	56	88	230	100	63	330	144	38	430	188	13
4	1	75	14	6	13	24	10	50	34	14	88	44	19	25
40	17	50	140	61	25	240	105	00	340	148	75	440	192	50
5	2	19	15	6	56	25	10	94	35	15	31	45	19	69
50	21	88	150	65	63	250	109	38	350	153	13	450	196	88
6	2	63	16	7	00	26	11	38	36	15	75	46	20	13
60	26	25	160	70	00	260	113	75	360	157	50	460	201	25
7	3	06	17	7	44	27	11	81	37	16	19	47	20	56
70	30	63	170	74	38	270	118	13	370	161	88	470	205	63
8	3	50	18	7	88	28	12	25	38	16	63	48	21	00
80	35	00	180	78	75	280	122	50	380	166	25	480	210	00
9	3	94	19	8	31	29	12	69	39	17	06	49	21	44
90	39	38	190	83	13	290	126	88	390	170	63	490	214	38
10	4	38	20	8	75	30	13	13	40	17	50	50	21	88
100	43	75	200	87	50	300	131	25	400	175	00	500	218	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$17.75			44¾ CENTS.			\$17.75								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		44	11	4	88	21	9	32	31	13	76	41	18	19
10	4	44	110	48	81	210	93	19	310	137	56	410	181	94
2		89	12	5	33	22	9	76	32	14	20	42	18	64
20	8	88	120	53	25	220	97	63	320	142	00	420	186	38
3	1	33	13	5	77	23	10	21	33	14	64	43	19	08
30	13	31	130	57	69	230	102	06	330	146	44	430	190	81
4	1	78	14	6	21	24	10	65	34	15	09	44	19	53
40	17	75	140	62	13	240	106	50	340	150	88	440	195	25
5	2	22	15	6	66	25	11	09	35	15	53	45	19	97
50	22	19	150	66	56	250	110	94	350	155	31	450	199	69
6	2	66	16	7	10	26	11	54	36	15	98	46	20	41
60	26	63	160	71	00	260	115	38	360	159	75	460	204	13
7	3	11	17	7	54	27	11	98	37	16	42	47	20	86
70	31	06	170	75	44	270	119	81	370	164	19	470	208	56
8	3	55	18	7	99	28	12	43	38	16	86	48	21	30
80	35	50	180	79	88	280	124	25	380	168	63	480	213	00
9	3	99	19	8	43	29	12	87	39	17	31	49	21	74
90	39	94	190	84	31	290	128	69	390	173	06	490	217	44
10	4	44	20	8	88	30	13	31	40	17	75	50	22	19
100	44	38	200	88	75	300	133	13	400	177	50	500	221	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$18.00			45 CENTS.									\$18.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		45	11	4	95	21	9	45	31	13	95	41	18	45
10	4	50	110	49	50	210	94	50	310	139	50	410	184	50
2		90	12	5	40	22	9	90	32	14	40	42	18	90
20	9	00	120	54	00	220	99	00	320	144	00	420	189	00
3	1	35	13	5	85	23	10	35	33	14	85	43	19	35
30	13	50	130	58	50	230	103	50	330	148	50	430	193	50
4	1	80	14	6	30	24	10	80	34	15	30	44	19	80
40	18	00	140	63	00	240	108	00	340	153	00	440	198	00
5	2	25	15	6	75	25	11	25	35	15	75	45	20	25
50	22	50	150	67	50	250	112	50	350	157	50	450	202	50
6	2	70	16	7	20	26	11	70	36	16	20	46	20	70
60	27	00	160	72	00	260	117	00	360	162	00	460	207	00
7	3	15	17	7	65	27	12	15	37	16	65	47	21	15
70	31	50	170	76	50	270	121	50	370	166	50	470	211	50
8	3	60	18	8	10	28	12	60	38	17	10	48	21	60
80	36	00	180	81	00	280	126	00	380	171	00	480	216	00
9	4	05	19	8	55	29	13	05	39	17	55	49	22	05
90	40	50	190	85	50	290	130	50	390	175	50	490	220	50
10	4	50	20	9	00	30	13	50	40	18	00	50	22	50
100	45	00	200	90	00	300	135	00	400	180	00	500	225	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$18.25			45½ CENTS.									\$18.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		46	11	5	02	21	9	58	31	14	14	41	18	71
10	4	56	110	50	19	210	95	81	310	141	44	410	187	06
2		91	12	5	48	22	10	04	32	14	60	42	19	16
20	9	13	120	54	75	220	100	38	320	146	00	420	191	63
3	1	37	13	5	93	23	10	40	33	15	06	43	19	62
30	13	69	130	59	31	230	104	94	330	150	56	430	196	19
4	1	83	14	6	39	24	10	95	34	15	51	44	20	08
40	18	25	140	63	88	240	109	50	340	155	13	440	200	75
5	2	28	15	6	84	25	11	41	35	15	97	45	20	53
50	22	81	150	68	44	250	114	06	350	159	69	450	205	31
6	2	74	16	7	30	26	11	86	36	16	43	46	20	99
60	27	38	160	73	00	260	118	63	360	164	25	460	209	88
7	3	19	17	7	76	27	12	32	37	16	88	47	21	44
70	31	94	170	77	56	270	123	19	370	168	81	470	214	44
8	3	65	18	8	21	28	12	78	38	17	34	48	21	90
80	36	50	180	82	13	280	127	75	380	173	38	480	219	00
9	4	11	19	8	67	29	13	23	39	17	79	49	22	36
90	41	06	190	86	69	290	132	31	390	177	94	490	223	56
10	4	56	20	9	13	30	13	69	40	18	25	50	22	81
100	45	63	200	91	25	300	136	88	400	182	50	500	228	13

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$18.50			46¼ CENTS.									\$18.50		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		46	11	5	09	21	9	71	31	14	34	41	18	96
10	4	63	110	50	88	210	97	13	310	143	38	410	189	63
2		93	12	5	55	22	10	18	32	14	80	42	19	43
20	9	25	120	55	50	220	101	75	320	148	00	420	194	25
3	1	39	13	6	01	23	10	64	33	15	26	43	19	89
30	13	88	130	60	13	230	106	38	330	152	63	430	198	88
4	1	85	14	6	48	24	11	10	34	15	73	44	20	35
40	18	50	140	64	75	240	111	00	340	157	25	440	203	50
5	2	31	15	6	94	25	11	56	35	16	19	45	20	81
50	23	13	150	69	38	250	115	63	350	161	88	450	208	13
6	2	78	16	7	40	26	12	03	36	16	65	46	21	28
60	27	75	160	74	00	260	120	25	360	166	50	460	212	75
7	3	24	17	7	86	27	12	49	37	17	11	47	21	74
70	32	38	170	78	63	270	124	88	370	171	13	470	217	38
8	3	70	18	8	33	28	12	95	38	17	58	48	22	20
80	37	00	180	83	25	280	129	50	380	175	75	480	222	00
9	4	16	19	8	79	29	13	41	39	18	04	49	22	66
90	41	63	190	87	88	290	134	13	390	180	38	490	226	63
10	4	63	20	9	25	30	13	88	40	18	50	50	23	13
100	46	25	200	92	50	300	138	75	400	185	00	500	231	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$18.75			46½ CENTS.									\$18.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		47	11	5	10	21	9	84	31	14	53	41	19	22
10	4	69	110	51	56	210	98	44	310	145	31	410	192	19
2		94	12	5	63	22	10	31	32	15	00	42	19	69
20	9	38	120	56	25	220	103	13	320	150	00	420	196	88
3	1	41	13	6	09	23	10	78	33	15	47	43	20	16
30	14	06	130	60	94	230	107	81	330	154	69	430	201	56
4	1	88	14	6	56	24	11	25	34	15	94	44	20	63
40	18	75	140	65	63	240	112	50	340	159	38	440	206	25
5	2	34	15	7	03	25	11	72	35	16	41	45	21	09
50	23	44	150	70	31	250	117	19	350	164	06	450	210	94
6	2	81	16	7	50	26	12	19	36	16	88	46	21	56
60	28	13	160	75	00	260	121	88	360	168	75	460	215	63
7	3	28	17	7	97	27	12	66	37	17	34	47	22	03
70	32	81	170	79	68	270	126	56	370	173	44	470	220	31
8	3	75	18	8	44	28	13	13	38	17	81	48	22	50
80	37	50	180	84	38	280	131	25	380	178	13	480	225	00
9	4	22	19	8	91	29	13	59	39	18	28	49	22	97
90	42	19	190	89	06	290	135	94	390	182	81	490	229	69
10	4	69	20	9	38	30	14	06	40	18	75	50	23	44
100	46	88	200	93	75	300	140	63	400	187	50	500	234	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$19.00			47½ CENTS.									\$19.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		48	11	5	23	21	9	98	31	14	73	41	19	48
10	4	75	110	52	25	210	99	75	310	147	25	410	194	75
2		95	12	5	70	22	10	45	32	15	20	42	19	95
20	9	50	120	57	00	220	104	50	320	152	00	420	199	50
3	1	43	13	6	18	23	10	93	33	15	68	43	20	43
30	14	25	130	61	75	230	109	25	330	156	75	430	204	25
4	1	90	14	6	65	24	11	40	34	16	15	44	20	90
40	19	00	140	66	50	240	114	00	340	161	50	440	209	00
5	2	38	15	7	13	25	11	88	35	16	63	45	21	38
50	23	75	150	71	25	250	118	75	350	166	25	450	213	75
6	2	85	16	7	60	26	12	35	36	17	10	46	21	85
60	28	50	160	76	00	260	123	50	360	171	00	460	218	50
7	3	33	17	8	08	27	12	83	37	17	58	47	22	33
70	33	25	170	80	75	270	128	25	370	175	75	470	223	25
8	3	80	18	8	55	28	13	30	38	18	05	48	22	80
80	38	00	180	85	50	280	133	00	380	180	50	480	228	00
9	4	28	19	9	03	29	13	78	39	18	53	49	23	28
90	42	75	190	90	25	290	137	75	390	185	25	490	232	75
10	4	75	20	9	50	30	14	25	40	19	00	50	23	75
100	47	50	200	95	00	300	142	50	400	190	00	500	237	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$19.25			48½ CENTS.									\$19.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		48	11	5	29	21	10	11	31	14	92	41	19	73
10	4	81	110	52	94	210	101	06	310	149	19	410	197	31
2		96	12	5	78	22	10	59	32	15	40	42	20	21
20	9	63	120	57	75	220	105	88	320	154	00	420	202	13
3	1	44	13	6	26	23	11	07	33	15	88	43	20	69
30	14	44	130	62	56	230	110	69	330	158	81	430	206	94
4	1	93	14	6	74	24	11	55	34	16	36	44	21	18
40	19	25	140	67	38	240	115	50	340	163	63	440	211	75
5	2	41	15	7	22	25	12	03	35	16	84	45	21	66
50	24	06	150	72	19	250	120	32	350	168	44	450	216	56
6	2	89	16	7	70	26	12	51	36	17	33	46	22	14
60	28	88	160	77	00	260	125	13	360	173	25	460	221	38
7	3	37	17	8	18	27	12	99	37	17	81	47	22	62
70	33	69	170	81	81	270	129	94	370	178	06	470	226	19
8	3	85	18	8	60	28	13	48	38	18	29	48	23	10
80	38	50	180	86	53	280	134	75	380	182	88	480	231	00
9	4	33	19	9	14	29	13	96	39	18	77	49	23	58
90	43	31	190	91	44	290	139	56	390	187	69	490	235	81
10	4	81	20	9	63	30	14	44	40	19	25	50	24	06
100	48	13	200	96	25	300	144	38	400	192	50	500	240	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$19.50			48¾ CENTS.									\$19.50		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		49	11	5	36	21	10	24	31	15	11	41	19	99
10	4	88	110	53	63	210	102	38	310	151	13	410	199	88
2		98	12	5	85	22	10	73	32	15	60	42	20	48
20	9	75	120	58	50	220	107	25	320	156	00	420	204	75
3	1	46	13	6	34	23	11	21	33	16	09	43	20	96
30	14	63	130	63	38	230	112	13	330	160	88	430	209	63
4	1	95	14	6	83	24	11	70	34	16	58	44	21	45
40	19	50	140	68	25	240	117	00	340	165	75	440	214	50
5	2	44	15	7	31	25	12	19	35	17	06	45	21	94
50	24	38	150	73	13	250	121	88	350	170	63	450	219	38
6	2	93	16	7	80	26	12	68	36	17	55	46	22	43
60	29	25	160	78	00	260	126	75	360	175	50	460	224	25
7	3	41	17	8	29	27	13	16	37	18	04	47	22	91
70	34	13	170	82	88	270	131	63	370	180	38	470	229	13
8	3	90	18	8	78	28	13	65	38	18	53	48	23	40
80	39	00	180	87	75	280	136	50	380	185	25	480	234	00
9	4	39	19	9	26	29	14	14	39	19	01	49	23	89
90	43	88	190	92	63	290	141	38	390	190	13	490	238	88
10	4	88	20	9	75	30	14	63	40	19	50	50	24	38
100	48	75	200	97	50	300	146	25	400	195	00	500	243	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$19.75			49¾ CENTS.									\$19.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		49	11	5	43	21	10	37	31	15	31	41	20	24
10	4	94	110	54	31	210	103	69	310	153	06	410	202	44
2		99	12	5	93	22	10	86	32	15	80	42	20	74
20	9	88	120	59	25	220	108	63	320	158	00	420	207	38
3	1	48	13	6	42	23	11	36	33	16	29	43	21	23
30	14	81	130	64	19	230	113	56	330	162	94	430	212	31
4	1	98	14	6	91	24	11	85	34	16	79	44	21	73
40	19	75	140	69	13	240	118	50	340	167	88	440	217	25
5	2	47	15	7	41	25	12	34	35	17	28	45	22	22
50	24	69	150	74	06	250	123	44	350	172	81	450	222	19
6	2	96	16	7	90	26	12	84	36	17	78	46	22	71
60	29	03	160	79	00	260	128	38	360	177	75	460	227	13
7	3	46	17	8	39	27	13	33	37	18	27	47	23	21
70	34	56	170	83	94	270	133	31	370	182	69	470	232	06
8	3	95	18	8	89	28	13	83	38	18	76	48	23	70
80	39	50	180	88	88	280	138	25	380	187	63	480	237	00
9	4	44	19	9	38	29	14	32	39	19	26	49	24	19
90	44	44	190	93	81	290	143	19	390	192	56	490	241	94
10	4	94	20	9	88	30	14	81	40	19	75	50	24	69
100	49	38	200	98	75	300	148	13	400	197	50	500	246	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$20.00			50 CENTS.			\$20.00								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		50	11	5	50	21	10	50	31	15	50	41	20	50
10	5	00	110	55	00	210	105	00	310	155	00	410	205	00
2	1	00	12	6	00	22	11	00	32	16	00	42	21	00
20	10	00	120	60	00	220	110	00	320	160	00	420	210	00
3	1	50	13	6	50	23	11	50	33	16	50	43	21	50
30	15	00	130	65	00	230	115	00	330	165	00	430	215	00
4	2	00	14	7	00	24	12	00	34	17	00	44	22	00
40	20	00	140	70	00	240	120	00	340	170	00	440	220	00
5	2	50	15	7	50	25	12	50	35	17	50	45	22	50
50	25	00	150	75	00	250	125	00	350	175	00	450	225	00
6	3	00	16	8	00	26	13	00	36	18	00	46	23	00
60	30	00	160	80	00	260	130	00	360	180	00	460	230	00
7	3	50	17	8	50	27	13	50	37	18	50	47	23	50
70	35	00	170	85	00	270	135	00	370	185	00	470	235	00
8	4	00	18	9	00	28	14	00	38	19	00	48	24	00
80	40	00	180	90	00	280	140	00	380	190	00	480	240	00
9	4	50	19	9	50	29	14	50	39	19	50	49	24	50
90	45	00	190	95	00	290	145	00	390	195	00	490	245	00
10	5	00	20	10	00	30	15	00	40	20	00	50	25	00
100	50	00	200	100	00	300	150	00	400	200	00	500	250	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$20.25			50½ CENTS.			\$20.25								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		51	11	5	57	21	10	63	31	15	69	41	20	76
10	5	06	110	55	69	210	106	31	310	156	94	410	207	56
2	1	01	12	6	08	22	11	14	32	16	20	42	21	26
20	10	13	120	60	75	220	111	38	320	162	00	420	212	63
3	1	52	13	6	58	23	11	65	33	16	71	43	21	77
30	15	19	130	65	81	230	116	44	330	167	06	430	217	69
4	2	03	14	7	09	24	12	15	34	17	21	44	22	28
40	20	25	140	70	88	240	121	50	340	172	13	440	222	75
5	2	53	15	7	59	25	12	66	35	17	72	45	22	78
50	25	31	150	75	94	250	126	56	350	177	19	450	227	81
6	3	04	16	8	10	26	13	16	36	18	23	46	23	29
60	30	38	160	81	00	260	131	63	360	182	25	460	232	88
7	3	54	17	8	61	27	13	67	37	18	73	47	23	79
70	35	44	170	86	06	270	136	69	370	187	31	470	237	94
8	4	05	18	9	11	28	14	18	38	19	24	48	24	30
80	40	50	180	91	13	280	141	75	380	192	38	480	243	00
9	4	56	19	9	62	29	14	68	39	19	74	49	24	81
90	45	56	190	96	19	290	146	81	390	197	44	490	248	06
10	5	06	20	10	13	30	15	19	40	20	25	50	25	31
100	50	63	200	101	25	300	151	88	400	202	50	500	253	13

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$20.50			51¼ CENTS.						\$20.50					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		51	11	5	64	21	10	76	31	15	89	41	21	01
10	5	13	110	56	38	210	107	63	310	158	88	410	210	13
2	1	03	12	6	15	22	11	28	32	16	40	42	21	53
20	10	25	120	61	50	220	112	75	320	164	00	420	215	25
3	1	54	13	6	66	23	11	79	33	16	91	43	22	04
30	15	38	130	66	63	230	117	88	330	169	13	430	220	38
4	2	05	14	7	18	24	12	30	34	17	43	44	22	55
40	20	50	140	71	75	240	123	00	340	174	25	440	225	50
5	2	56	15	7	69	25	12	81	35	17	94	45	23	06
50	25	63	150	76	88	250	128	13	350	179	38	450	230	63
6	3	08	16	8	20	26	13	33	36	18	45	46	23	58
60	30	75	160	82	00	260	133	25	360	184	50	460	235	75
7	3	59	17	8	71	27	13	84	37	18	96	47	24	09
70	35	88	170	87	13	270	138	38	370	189	63	470	240	88
8	4	10	18	9	23	28	14	35	38	19	48	48	24	60
80	41	00	180	92	25	280	143	50	380	194	75	480	246	00
9	4	61	19	9	74	29	14	86	39	19	99	49	25	11
90	46	13	190	97	38	290	148	63	390	199	88	490	251	13
10	5	13	20	10	25	30	15	38	40	20	50	50	25	63
100	51	25	200	102	50	300	153	75	400	205	00	500	256	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$20.75			51½ CENTS.						\$20.75					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		52	11	5	71	21	10	89	31	16	08	41	21	27
10	5	19	110	57	06	210	108	94	310	160	81	410	212	69
2	1	04	12	6	23	22	11	41	32	16	60	42	21	79
20	10	38	120	62	25	220	114	13	320	166	00	420	217	88
3	1	56	13	6	74	23	11	93	33	17	12	43	22	31
30	15	56	130	67	44	230	119	31	330	171	19	430	223	06
4	2	08	14	7	26	24	12	45	34	17	64	44	22	83
40	20	75	140	72	63	240	124	50	340	176	38	440	228	25
5	2	59	15	7	78	25	12	97	35	18	16	45	23	34
50	25	94	150	77	81	250	129	69	350	181	56	450	233	44
6	3	11	16	8	30	26	13	49	36	18	68	46	23	86
60	31	13	160	83	00	260	134	88	360	186	75	460	238	63
7	3	63	17	8	82	27	14	51	37	19	19	47	24	38
70	36	31	170	88	19	270	140	06	370	191	94	470	243	81
8	4	15	18	9	34	28	14	53	38	19	71	48	24	90
80	41	50	180	93	38	280	145	25	380	197	13	480	249	00
9	4	67	19	9	86	29	15	04	39	20	23	49	25	42
90	46	69	190	98	56	290	150	44	390	202	31	490	254	19
10	5	19	20	10	38	30	15	56	40	20	75	50	25	94
100	51	88	200	103	75	300	155	63	400	207	50	500	259	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$21.00

52½ CENTS.

\$21.00

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		53	11	5	78	21	11	03	31	16	28	41	21	53
10	5	25	110	57	75	210	110	25	310	162	75	410	215	25
2	1	05	12	6	30	22	11	55	32	16	80	42	22	05
20	10	50	120	63	00	220	115	50	320	168	00	420	220	50
3	1	58	13	6	83	23	12	08	33	17	33	43	22	58
30	15	75	130	68	25	230	120	75	330	173	25	430	225	75
4	2	10	14	7	35	24	12	60	34	17	85	44	23	10
40	21	00	140	73	50	240	126	00	340	178	50	440	231	00
5	2	63	15	7	88	25	13	13	35	18	38	45	23	63
50	26	25	150	78	75	250	131	25	350	183	75	450	236	25
6	3	15	16	8	40	26	13	65	36	18	90	46	24	15
60	31	50	160	84	00	260	136	50	360	189	00	460	241	50
7	3	68	17	8	93	27	14	18	37	19	43	47	24	68
70	36	75	170	89	25	270	141	75	370	194	25	470	246	75
8	4	20	18	9	45	28	14	70	38	19	95	48	25	20
80	42	00	180	94	50	280	147	00	380	199	50	480	252	00
9	4	73	19	9	98	29	15	23	39	20	48	49	25	73
90	47	25	190	99	75	290	152	25	390	204	75	490	257	25
10	5	25	20	10	50	30	15	75	40	21	00	50	26	25
100	52	50	200	105	00	300	157	50	400	210	00	500	262	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$21.25

53½ CENTS.

\$21.25

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		53	11	5	84	21	11	16	31	16	47	41	21	78
10	5	31	110	58	44	210	111	56	310	164	69	410	217	81
2	1	06	12	6	38	22	11	69	32	17	00	42	22	31
20	10	63	120	63	75	220	116	88	320	170	00	420	223	13
3	1	59	13	6	91	23	12	22	33	17	53	43	22	84
30	15	94	130	69	06	230	122	19	330	175	31	430	228	44
4	2	13	14	7	44	24	12	75	34	18	06	44	23	38
40	21	25	140	74	38	240	127	50	340	180	63	440	233	75
5	2	66	15	7	97	25	13	28	35	18	59	45	23	91
50	26	56	150	79	69	250	132	81	350	185	94	450	239	06
6	3	19	16	8	50	26	13	81	36	19	13	46	24	44
60	31	88	160	85	00	260	138	13	360	191	25	460	244	38
7	3	72	17	9	03	27	14	34	37	19	66	47	24	97
70	37	19	170	90	31	270	143	44	370	196	56	470	249	69
8	4	25	18	9	56	28	14	88	38	20	19	48	25	50
80	42	50	180	95	63	280	148	75	380	201	88	480	255	00
9	4	78	19	10	09	29	15	41	39	20	72	49	26	03
90	47	81	190	100	94	290	154	06	390	207	19	490	260	31
10	5	31	20	10	63	30	15	94	40	21	25	50	26	56
100	53	13	200	106	25	300	159	38	400	212	50	500	265	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$21.50			53¾ CENTS.						\$21.50					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		54	11	5	91	21	11	29	31	16	66	41	22	04
10	5	38	110	59	13	210	112	88	310	166	63	410	220	38
2	1	08	12	6	45	22	11	83	32	17	20	42	22	58
20	10	75	120	64	50	220	118	25	320	172	00	420	225	75
3	1	61	13	6	99	23	12	36	33	17	74	43	23	11
30	16	13	130	69	88	230	123	63	330	177	38	430	231	13
4	2	15	14	7	53	24	12	90	34	18	28	44	23	65
40	21	50	140	75	25	240	129	00	340	182	75	440	236	50
5	2	69	15	8	06	25	13	44	35	18	81	45	24	19
50	26	88	150	80	63	250	134	38	350	188	13	450	241	88
6	3	23	16	8	60	26	13	98	36	19	35	46	24	73
60	32	25	160	86	00	260	139	75	360	193	50	460	247	25
7	3	76	17	9	14	27	14	51	37	19	89	47	25	26
70	37	63	170	91	38	270	145	13	370	198	88	470	252	63
8	4	30	18	9	68	28	15	05	38	20	43	48	25	80
80	43	00	180	96	75	280	150	50	380	204	25	480	258	00
9	4	84	19	10	21	29	15	59	39	20	96	49	26	34
90	48	38	190	102	13	290	155	88	390	209	63	490	263	38
10	5	38	20	10	75	30	16	13	40	21	50	50	26	88
100	53	75	200	107	50	300	161	25	400	215	00	500	268	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$21.75			54¾ CENTS.						\$21.75					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		54	11	5	98	21	11	42	31	16	86	41	22	29
10	5	44	110	59	81	210	114	19	310	168	56	410	222	94
2	1	09	12	6	53	22	11	96	32	17	40	42	22	84
20	10	88	120	65	25	220	119	63	320	174	00	420	228	38
3	1	63	13	7	06	23	12	51	33	17	94	43	23	38
30	16	31	130	60	69	230	125	06	330	179	44	430	233	81
4	2	18	14	7	61	24	13	05	34	18	49	44	23	93
40	21	75	140	76	13	240	130	50	340	184	88	440	239	25
5	2	72	15	8	16	25	13	59	35	19	03	45	24	47
50	27	19	150	81	56	250	135	94	350	190	31	450	244	69
6	3	26	16	8	70	26	14	14	36	19	58	46	25	01
60	32	63	160	87	00	260	141	38	360	195	75	460	250	13
7	3	81	17	9	24	27	14	68	37	20	12	47	25	56
70	38	06	170	92	44	270	146	81	370	201	19	470	255	56
8	4	35	18	9	79	28	15	23	38	20	66	48	26	10
80	43	50	180	97	88	280	152	25	380	206	63	480	261	00
9	4	89	19	10	33	29	15	77	39	21	21	49	26	64
90	48	94	190	103	31	290	157	69	390	212	06	490	266	44
10	5	44	20	10	88	30	16	31	40	21	75	50	27	19
100	54	38	200	108	75	300	163	13	400	217	50	500	271	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$22.00			55 CENTS.									\$22.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		55	11	6	05	21	11	55	31	17	05	41	22	55
10	5	50	110	60	50	210	115	50	310	170	50	410	225	50
2	1	10	12	6	60	22	12	10	32	17	60	42	23	10
20	11	00	120	66	00	220	121	00	320	176	00	420	231	00
3	1	65	13	7	15	23	12	65	33	18	15	43	23	65
30	16	50	130	71	50	230	126	50	330	181	50	430	236	50
4	2	20	14	7	70	24	13	20	34	18	70	44	24	20
40	22	00	140	77	00	240	132	00	340	187	00	440	242	00
5	2	75	15	8	25	25	13	75	35	19	25	45	24	75
50	27	50	150	82	50	250	137	50	350	192	50	450	247	50
6	3	30	16	8	80	26	14	30	36	19	80	46	25	30
60	33	00	160	88	00	260	143	00	360	198	00	460	253	00
7	3	85	17	9	35	27	14	85	37	20	35	47	25	85
70	38	50	170	93	50	270	148	50	370	203	50	470	258	50
8	4	40	18	9	90	28	15	40	38	20	90	48	26	40
80	44	00	180	99	00	280	154	00	380	209	00	480	264	00
9	4	95	19	10	45	29	15	95	39	21	45	49	26	95
90	49	50	190	104	50	290	159	50	390	214	50	490	269	50
10	5	50	20	11	00	30	16	50	40	22	00	50	27	50
100	55	00	200	110	00	300	165	00	400	220	00	500	275	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$22.25			55½ CENTS.									\$22.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		56	11	6	12	21	11	68	31	17	24	41	22	81
10	5	56	110	61	19	210	116	81	310	172	44	410	228	06
2	1	11	12	6	68	22	12	24	32	17	80	42	23	36
20	11	13	120	66	75	220	122	38	320	178	00	420	233	63
3	1	67	13	7	23	23	12	79	33	18	36	43	23	92
30	16	69	130	72	31	230	127	94	330	183	56	430	239	19
4	2	23	14	7	79	24	13	35	34	18	91	44	24	48
40	22	25	140	77	88	240	133	50	340	189	13	440	244	75
5	2	78	15	8	34	25	13	91	35	19	47	45	25	03
50	27	82	150	83	44	250	139	06	350	194	69	450	250	31
6	3	34	16	8	90	26	14	46	36	20	03	46	25	59
60	33	38	160	89	00	260	144	63	360	200	25	460	255	88
7	3	89	17	9	46	27	15	02	37	20	58	47	26	14
70	38	94	170	94	56	270	150	19	370	205	81	470	261	44
8	4	45	18	10	01	28	15	58	38	21	14	48	26	70
80	44	50	180	100	13	280	155	75	380	211	38	480	267	00
9	5	01	19	10	57	29	16	13	39	21	69	49	27	26
90	50	06	190	105	68	290	161	31	390	216	94	490	272	56
10	5	56	20	11	13	30	16	69	40	22	25	50	27	81
100	55	63	200	111	25	300	166	88	400	222	50	500	278	13

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$22.50			56¼ CENTS.			\$22.50								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		56	11	6	19	21	11	81	31	17	44	41	23	06
10	5	63	110	61	88	210	118	13	310	174	38	410	230	63
2	1	13	12	6	75	22	12	38	32	18	00	42	23	63
20	11	25	120	67	50	220	123	75	320	180	00	420	236	25
3	1	69	13	7	31	23	12	94	33	18	56	43	24	19
30	16	88	130	73	13	230	129	38	330	185	63	430	241	88
4	2	25	14	7	88	24	13	50	34	19	13	44	24	75
40	22	50	140	78	75	240	135	00	340	191	25	440	247	50
5	2	81	15	8	44	25	14	06	35	19	69	45	25	31
50	28	13	150	84	38	250	140	63	350	196	88	450	253	13
6	3	38	16	9	00	26	14	63	36	20	25	46	25	98
60	33	75	160	90	00	260	146	25	360	202	50	460	258	75
7	3	94	17	9	56	27	15	19	37	20	81	47	26	44
70	39	38	170	95	63	270	151	88	370	208	13	470	264	38
8	4	50	18	10	13	28	15	75	38	21	38	48	27	00
80	45	00	180	101	25	280	157	50	380	213	75	480	270	00
9	5	06	19	10	69	29	16	31	39	21	94	49	27	56
90	50	63	190	106	88	290	163	13	390	219	38	490	275	63
10	5	63	20	11	25	30	16	88	40	22	50	50	28	13
100	56	25	200	112	50	300	168	75	400	225	00	500	281	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$22.75			56½ CENTS.						\$22.75					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		57	11	6	26	21	11	94	31	17	63	41	23	32
10	5	69	110	62	56	210	119	44	310	176	31	410	233	19
2	1	14	12	6	83	22	12	51	32	18	20	42	23	89
20	11	38	120	68	25	220	125	13	320	182	00	420	238	88
3	1	71	13	7	39	23	13	08	33	18	77	43	24	46
30	17	06	130	73	94	230	130	81	330	187	69	430	244	56
4	2	28	14	7	96	24	13	65	34	19	34	44	25	03
40	22	75	140	79	63	240	136	50	340	193	38	440	250	25
5	2	84	15	8	53	25	14	22	35	19	91	45	25	59
50	28	44	150	85	31	250	142	19	350	199	06	450	255	94
6	3	41	16	9	100	26	14	79	36	20	48	46	26	16
60	34	13	160	91	00	260	147	88	360	204	75	460	261	63
7	3	98	17	9	67	27	15	36	37	21	04	47	26	73
70	39	81	170	96	69	270	153	56	370	210	44	470	267	31
8	4	55	18	10	24	28	15	93	38	21	61	48	27	30
80	45	50	180	102	38	280	159	25	380	216	13	480	273	00
9	5	12	19	10	81	29	16	49	39	22	18	49	27	87
90	51	19	190	108	06	290	164	94	390	221	81	490	278	69
10	5	69	20	11	38	30	17	06	40	22	75	50	28	44
100	56	88	200	113	75	300	170	63	400	227	50	500	284	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$23.00			57½ CENTS.			\$23.00								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		58	11	6	33	21	12	08	31	17	83	41	23	58
10	5	75	110	63	25	210	120	75	310	178	25	410	235	75
2	1	15	12	6	90	22	12	65	32	18	40	42	24	15
20	11	50	120	69	00	220	126	50	320	184	00	420	241	50
3	1	73	13	7	48	23	13	23	33	18	98	43	24	73
30	17	25	130	74	75	230	132	25	330	189	75	430	247	25
4	2	30	14	8	05	24	13	80	34	19	55	44	25	30
40	23	00	140	80	50	240	138	00	340	195	50	440	253	00
5	2	88	15	8	63	25	14	38	35	20	13	45	25	88
50	28	75	150	86	25	250	143	75	350	201	25	450	258	75
6	3	45	16	9	20	26	14	95	36	20	70	46	26	45
60	34	50	160	92	00	260	149	50	360	207	00	460	264	50
7	4	03	17	9	78	27	15	53	37	21	28	47	27	03
70	40	25	170	97	75	270	155	25	370	212	75	470	270	25
8	4	60	18	10	35	28	16	10	38	21	85	48	27	60
80	46	00	180	103	50	280	161	00	380	218	50	480	276	00
9	5	18	19	10	93	29	16	68	39	22	43	49	28	18
90	51	75	190	109	25	290	166	75	390	224	25	490	281	75
10	5	75	20	11	50	30	17	25	40	23	00	50	28	75
100	57	50	200	115	00	300	172	50	400	230	00	500	287	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$23.25			58½ CENTS.						\$23.25					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		58	11	6	39	21	12	21	31	18	02	41	23	83
10	5	81	110	63	94	210	122	06	310	180	19	410	238	31
2	1	16	12	6	98	22	12	79	32	18	60	42	24	41
20	11	63	120	69	75	220	127	88	320	186	00	420	244	13
3	1	74	13	7	56	23	13	37	33	19	18	43	24	99
30	17	44	130	75	56	230	133	69	330	191	81	430	249	94
4	2	33	14	8	14	24	13	95	34	19	76	44	25	58
40	23	25	140	81	38	240	139	50	340	197	63	440	255	75
5	2	91	15	8	72	25	14	53	35	20	34	45	26	16
50	29	06	150	87	19	250	145	31	350	203	44	450	261	56
6	3	49	16	9	30	26	15	11	36	20	93	46	26	74
60	34	88	160	93	00	260	151	13	360	209	25	460	267	38
7	4	07	17	9	88	27	15	69	37	21	51	47	27	32
70	40	69	170	98	81	270	156	94	370	215	06	470	273	19
8	4	65	18	10	46	28	16	28	38	22	09	48	27	90
80	46	50	180	104	63	280	162	75	380	220	88	480	279	00
9	5	23	19	11	04	29	16	86	39	22	67	49	28	48
90	52	31	190	110	44	290	168	56	390	226	69	490	284	81
10	5	81	20	11	63	30	17	44	40	23	25	50	29	06
100	58	13	200	116	25	300	174	38	400	232	50	500	290	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$23.50			58¾ CENTS.			\$23.50								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		59	11	6	46	21	12	34	31	18	21	41	24	09
10	5	88	110	64	63	210	123	38	310	182	13	410	240	88
2	1	18	12	7	05	22	12	93	32	18	80	42	24	68
20	11	75	120	70	50	220	129	25	320	188	00	420	246	75
3	1	76	13	7	64	23	13	51	33	19	39	43	25	26
30	17	63	130	76	38	230	135	13	330	193	88	430	252	63
4	2	35	14	8	23	24	14	10	34	19	98	44	25	85
40	23	50	140	82	25	240	141	00	340	199	75	440	258	50
5	2	94	15	8	81	25	14	69	35	20	56	45	26	44
50	29	38	150	88	13	250	146	88	350	205	63	450	264	38
6	3	53	16	9	40	26	15	28	36	21	15	46	27	03
60	35	25	160	94	00	260	152	75	360	211	50	460	270	25
7	4	11	17	9	99	27	15	86	37	21	74	47	27	51
70	41	13	170	99	88	270	158	63	370	217	38	470	276	13
8	4	70	18	10	58	28	16	45	38	22	33	48	28	20
80	47	00	180	105	75	280	164	50	380	223	25	480	282	00
9	5	29	19	11	16	29	17	04	39	22	91	49	28	79
90	52	88	190	111	63	290	170	38	390	229	13	490	287	88
10	5	88	20	11	75	30	17	63	40	23	50	50	29	38
100	58	75	200	117	50	300	176	25	400	235	00	500	293	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$23.75			59¾ CENTS.						\$23.75					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		59	11	6	53	21	12	47	31	18	41	41	24	34
10	5	94	110	65	31	210	124	69	310	184	06	410	243	44
2	1	19	12	7	13	22	13	06	32	19	00	42	24	94
20	11	88	120	71	25	220	130	63	320	190	00	420	249	38
3	1	78	13	7	71	23	13	66	33	19	59	43	25	53
30	17	81	130	77	14	230	136	56	330	195	94	430	255	31
4	2	38	14	8	31	24	14	25	34	20	19	44	26	13
40	23	75	140	83	13	240	142	50	340	201	88	440	261	25
5	2	97	15	8	91	25	14	84	35	20	78	45	26	72
50	29	69	150	89	06	250	148	44	350	207	81	450	267	19
6	3	56	16	9	50	26	15	44	36	21	38	46	27	31
60	35	63	160	95	00	260	154	36	360	213	75	460	273	13
7	4	16	17	10	09	27	16	03	37	21	97	47	27	91
70	41	56	170	100	94	270	160	31	370	219	69	470	279	06
8	4	75	18	10	69	28	16	63	38	22	56	48	28	50
80	47	50	180	106	88	280	166	25	380	225	63	480	285	00
9	5	34	19	11	28	29	17	22	39	23	16	49	29	09
90	53	44	190	112	81	290	172	19	390	231	56	490	290	94
10	5	94	20	11	88	30	17	81	40	23	75	50	29	69
100	59	38	200	118	75	300	178	13	400	237	50	500	296	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$24.00			60 CENTS.									\$24.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		60	11	6	60	21	12	60	31	18	60	41	24	60
10	6	00	110	66	00	210	126	00	310	186	00	410	246	00
2	1	20	12	7	20	22	13	20	32	19	20	42	25	20
20	12	00	120	72	00	220	132	00	320	192	00	420	252	00
3	1	80	13	7	80	23	13	80	33	19	80	43	25	80
30	18	00	130	78	00	230	138	00	330	198	00	430	258	00
4	2	40	14	8	40	24	14	40	34	20	40	44	26	40
40	24	00	140	84	00	240	144	00	340	204	00	440	264	00
5	3	00	15	9	00	25	15	00	35	21	00	45	27	00
50	30	00	150	90	00	250	150	00	350	210	00	450	270	00
6	3	60	16	9	60	26	15	60	36	21	60	46	27	60
60	36	00	160	96	00	260	156	00	360	216	00	460	276	00
7	4	20	17	10	20	27	16	20	37	22	20	47	28	20
70	42	00	170	102	00	270	162	00	370	222	00	470	282	00
8	4	80	18	10	80	28	16	80	38	22	80	48	28	80
80	48	00	180	108	00	280	168	00	380	228	00	480	288	00
9	5	40	19	11	40	29	17	40	39	23	40	49	29	40
90	54	00	190	114	00	290	174	00	390	234	00	490	294	00
10	6	00	20	12	00	30	18	00	40	24	00	50	30	00
100	60	00	200	120	00	300	180	00	400	240	00	500	300	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$24.25			60½ CENTS.									\$24.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		61	11	6	67	21	12	73	31	18	79	41	24	86
10	6	06	110	66	69	210	127	31	310	187	94	410	248	56
2	1	21	12	7	28	22	13	34	32	19	40	42	25	46
20	12	13	120	72	75	220	133	38	320	194	00	420	254	63
3	1	82	13	7	88	23	13	94	33	20	01	43	26	07
30	18	19	130	78	81	230	139	44	330	200	06	430	260	69
4	2	43	14	8	49	24	14	55	34	20	61	44	26	68
40	24	25	140	84	88	240	145	50	340	206	13	440	266	75
5	3	03	15	9	09	25	15	16	35	21	22	45	27	28
50	30	32	150	90	94	250	151	56	350	212	19	450	272	81
6	3	64	16	9	70	26	15	76	36	21	83	46	27	89
60	36	38	160	97	00	260	157	63	360	218	25	460	278	88
7	4	24	17	10	31	27	16	37	37	22	43	47	28	49
70	42	44	170	103	06	270	163	69	370	224	31	470	284	91
8	4	85	18	10	91	28	16	98	38	23	04	48	29	10
80	48	50	180	109	13	280	169	75	380	230	38	480	291	00
9	5	46	19	11	52	29	17	58	39	23	64	49	29	71
90	54	56	190	115	19	290	175	81	390	236	44	490	297	06
10	6	06	20	12	13	30	18	19	40	24	25	50	30	31
100	60	63	200	121	25	300	181	88	400	242	50	500	303	13

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$24.50			61¼ CENTS			\$24.50								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		61	11	6	74	21	12	86	31	18	99	41	25	11
10	6	13	110	67	38	210	128	63	310	189	88	410	251	13
2	1	23	12	7	35	22	13	48	32	19	60	42	25	73
20	12	25	120	73	50	220	134	75	320	196	00	420	257	25
3	1	84	13	7	96	23	14	09	33	20	21	43	26	34
30	18	38	130	79	63	230	140	88	330	202	13	430	263	38
4	2	45	14	8	58	24	14	70	34	20	83	44	26	95
40	24	50	140	85	75	240	147	00	340	208	25	440	269	50
5	3	06	15	9	19	25	15	31	35	21	44	45	27	56
50	30	63	150	91	88	250	153	13	350	214	38	450	275	63
6	3	68	16	9	80	26	15	93	36	22	05	46	28	18
60	36	75	160	98	00	260	159	25	360	220	50	460	281	75
7	4	29	17	10	41	27	16	54	37	22	66	47	28	79
70	42	88	170	104	13	270	165	38	370	226	63	470	287	88
8	4	90	18	11	03	28	17	15	38	23	28	48	29	40
80	49	00	180	110	25	280	171	50	380	232	75	480	294	00
9	5	51	19	11	64	29	17	76	39	23	89	49	30	01
90	55	13	190	116	38	290	177	63	390	238	88	490	300	13
10	6	13	20	12	25	30	18	38	40	24	50	50	30	63
100	61	25	200	122	50	300	183	75	400	245	00	500	306	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$24.75			61½ CENTS.			\$24.75								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		62	11	6	81	21	12	99	31	19	18	41	25	37
10	6	19	110	68	06	210	129	94	310	191	81	410	253	69
2	1	24	12	7	43	22	13	61	32	19	80	42	25	99
20	12	38	120	74	25	220	136	13	320	198	00	420	259	88
3	1	86	13	8	04	23	14	23	33	20	42	43	26	61
30	18	56	130	80	44	230	142	31	330	204	19	430	266	06
4	2	48	14	8	66	24	14	85	34	21	04	44	27	23
40	24	75	140	86	63	240	148	50	340	210	38	440	272	25
5	3	09	15	9	28	25	15	47	35	21	66	45	27	84
50	30	94	150	92	81	250	154	69	350	216	56	450	278	44
6	3	71	16	9	90	26	16	09	36	22	28	46	28	46
60	37	13	160	99	00	260	160	88	360	222	75	460	284	63
7	4	33	17	10	52	27	16	71	37	22	89	47	29	08
70	43	31	170	105	19	270	167	06	370	228	94	470	290	81
8	4	95	18	11	14	28	17	33	38	23	51	48	29	70
80	49	50	180	111	38	280	173	25	380	235	13	480	297	00
9	5	57	19	11	76	29	17	94	39	24	13	49	30	32
90	55	69	190	117	56	290	179	44	390	241	31	490	303	19
10	6	19	20	12	38	30	18	56	40	24	75	50	30	94
100	61	88	200	123	75	300	185	63	400	247	50	500	309	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$25.00			62½ CENTS.						\$25.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		63	11	6	88	21	13	13	31	19	38
10	6	25	110	68	75	210	131	25	310	193	75
2	1	25	12	7	50	22	13	75	32	20	00
20	12	50	120	75	00	220	137	50	320	200	00
3	1	88	13	8	13	23	14	38	33	20	63
30	18	75	130	81	25	230	143	75	330	206	25
4	2	50	14	8	75	24	15	00	34	21	25
40	25	00	140	87	50	240	150	00	340	212	50
5	3	13	15	9	38	25	15	63	35	21	88
50	31	25	150	93	75	250	156	25	350	218	75
6	3	75	16	10	00	26	16	25	36	22	50
60	37	50	160	100	00	260	162	50	360	225	00
7	4	38	17	10	63	27	16	88	37	23	13
70	43	75	170	106	25	270	168	75	370	231	25
8	5	00	18	11	25	28	17	50	38	23	75
80	50	00	180	112	50	280	175	00	380	237	50
9	5	63	19	11	88	29	18	13	39	24	38
90	56	25	190	118	75	290	181	25	390	243	75
10	6	25	20	12	50	30	18	75	40	25	00
100	62	50	200	125	00	300	187	50	400	250	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$25.25			63½ CENTS.						\$25.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		63	11	6	94	21	13	26	31	19	57
10	6	31	110	69	44	210	132	56	310	195	69
2	1	26	12	7	58	22	13	89	32	20	20
20	12	63	120	75	75	220	138	88	320	202	00
3	1	89	13	8	21	23	14	52	33	20	83
30	18	94	130	82	06	230	145	19	330	208	31
4	2	53	14	8	84	24	15	15	34	21	46
40	25	25	140	88	38	240	151	50	340	214	63
5	3	16	15	9	47	25	15	78	35	22	09
50	31	56	150	94	69	250	157	81	350	220	94
6	3	79	16	10	10	26	16	41	36	22	73
60	37	88	160	101	00	260	164	13	360	227	25
7	4	42	17	10	73	27	17	04	37	23	36
70	44	19	170	107	31	270	170	44	370	233	56
8	5	05	18	11	36	28	17	68	38	23	99
80	50	50	180	113	63	280	176	75	380	239	88
9	5	68	19	11	99	29	18	31	39	24	62
90	56	81	190	119	94	290	183	06	390	246	19
10	6	31	20	12	63	30	18	94	40	25	25
100	63	13	200	126	25	300	189	38	400	252	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$25.50			63¾ CENTS.									\$25.50		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		64	11	7	01	21	13	39	31	19	76	41	26	14
10	6	38	110	70	13	210	133	88	310	197	63	410	261	38
2	1	28	12	7	65	22	14	03	32	20	40	42	26	78
20	12	75	120	76	50	220	140	25	320	204	00	420	267	75
3	1	91	13	8	29	23	14	66	33	21	04	43	27	41
30	19	13	130	82	88	230	146	63	330	210	38	430	274	13
4	2	50	14	8	93	24	15	30	34	21	68	44	28	05
40	25	50	140	89	25	240	153	00	340	216	75	440	280	50
5	3	19	15	9	56	25	15	94	35	22	31	45	28	69
50	31	88	150	95	63	250	159	38	350	223	13	450	286	88
6	3	83	16	10	20	26	16	58	36	22	95	46	29	33
60	38	25	160	102	00	260	165	75	360	229	50	460	293	25
7	4	46	17	10	84	27	17	21	37	23	59	47	29	96
70	44	63	170	108	88	270	172	13	370	235	88	470	299	63
8	5	10	18	11	48	28	17	85	38	24	25	48	30	60
80	51	00	180	114	75	280	178	50	380	242	25	480	306	00
9	5	74	19	12	11	29	18	49	39	24	86	49	31	24
90	57	38	190	121	13	290	184	88	390	248	63	490	312	38
10	6	38	20	12	75	30	19	13	40	25	50	50	31	88
100	63	75	200	127	50	300	191	25	400	255	00	500	318	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$25.75			64¾ CENTS.									\$25.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		64	11	7	08	21	13	52	31	19	96	41	26	39
10	6	44	110	70	81	210	135	19	310	199	56	410	263	94
2	1	29	12	7	73	22	14	16	32	20	60	42	27	04
20	12	88	120	77	25	220	141	63	320	206	00	420	270	38
3	1	93	13	8	37	23	14	81	33	21	24	43	27	68
30	19	31	130	83	69	230	143	06	330	212	44	430	276	81
4	2	58	14	9	01	24	15	45	34	21	89	44	28	33
40	25	75	140	90	13	240	154	50	340	218	88	440	283	25
5	3	22	15	9	66	25	16	09	35	22	53	45	28	97
50	32	19	150	96	56	250	160	94	350	225	31	450	289	69
6	3	86	16	10	30	26	16	74	36	23	18	46	29	61
60	38	63	160	103	00	260	167	38	360	231	75	460	296	13
7	4	51	17	10	94	27	17	38	37	23	82	47	30	26
70	45	06	170	109	44	270	173	81	370	238	19	470	302	56
8	5	15	18	11	59	28	18	03	38	24	46	48	30	90
80	51	50	180	115	88	280	180	25	380	244	63	480	309	00
9	5	79	19	12	23	29	18	67	39	25	11	49	31	54
90	57	94	190	122	31	290	186	68	390	251	06	490	315	44
10	6	45	20	12	88	30	19	31	40	25	75	50	32	19
100	64	38	200	128	75	300	193	13	400	257	50	500	321	18

CUBIC FEET.

40 CUBIC FEET ONE TON

\$26.00			65 CENTS									\$26.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		65	11	7	15	21	13	65	31	20	15	41	26	65
10	6	50	110	71	50	210	136	50	310	201	50	410	266	50
2	1	30	12	7	80	22	14	30	32	20	80	42	27	30
20	13	00	120	78	00	220	143	00	320	208	00	420	273	00
3	1	95	13	8	45	23	14	95	33	21	45	43	27	95
30	19	50	130	84	50	230	149	50	330	214	50	430	279	50
4	2	60	14	9	10	24	15	60	34	22	10	44	28	60
40	26	00	140	91	00	240	156	00	340	221	00	440	286	00
5	3	25	15	9	75	25	16	25	35	22	75	45	29	25
50	32	50	150	97	50	250	162	50	350	227	50	450	292	50
6	3	90	16	10	40	26	16	90	36	23	40	46	29	90
60	39	00	160	104	00	260	169	00	360	234	00	460	299	00
7	4	55	17	11	05	27	17	55	37	24	05	47	30	55
70	45	50	170	110	50	270	175	50	370	240	50	470	305	50
8	5	20	18	11	70	28	18	20	38	24	70	48	31	20
80	52	00	180	117	00	280	182	00	380	247	00	480	312	00
9	5	85	19	12	35	29	18	85	39	25	35	49	31	85
90	58	50	190	123	50	290	188	50	390	253	50	490	318	50
10	6	50	20	13	00	30	19	50	40	26	00	50	32	50
100	65	00	200	130	00	300	195	00	400	260	00	500	325	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$26.25			65½ CENTS.									\$26.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		66	11	7	22	21	13	78	31	20	34	41	26	91
10	6	56	110	72	19	210	137	81	310	203	44	410	269	06
2	1	31	12	7	88	22	14	44	32	21	00	42	27	56
20	13	13	120	78	75	220	144	38	320	210	00	420	275	63
3	1	97	13	8	53	23	15	09	33	21	66	43	28	22
30	19	69	130	85	31	230	150	94	330	216	56	430	282	19
4	2	63	14	9	19	24	15	75	34	22	31	44	28	88
40	26	25	140	91	88	240	157	50	340	223	13	440	288	75
5	3	28	15	9	84	25	16	41	35	22	97	45	29	53
50	32	81	150	98	44	250	164	06	350	229	69	450	295	31
6	3	94	16	10	50	26	17	06	36	23	63	46	30	19
60	39	38	160	105	00	260	170	63	360	236	25	460	301	88
7	4	59	17	11	16	27	17	72	37	24	28	47	30	84
70	45	94	170	111	56	270	177	19	370	242	81	470	308	44
8	5	25	18	11	81	28	18	38	38	24	94	48	31	50
80	52	50	180	118	13	280	183	75	380	249	38	480	315	00
9	5	91	19	12	47	29	19	03	39	25	59	49	32	16
90	59	06	190	124	69	290	190	31	390	255	94	490	321	56
10	6	56	20	13	13	30	19	69	40	26	25	50	32	81
100	65	63	200	131	25	300	196	88	400	262	50	500	328	13

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$26.50			66¼ CENTS.			\$26.50								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		66	11	7	29	21	13	91	31	20	54	41	27	16
10	6	63	110	72	88	210	139	13	310	205	38	410	271	63
2	1	33	12	7	95	22	14	58	32	21	20	42	27	82
20	13	25	120	79	50	220	145	75	320	212	00	420	278	25
3	1	99	13	8	61	23	15	24	33	21	86	43	28	49
30	19	88	130	86	13	230	152	38	330	218	63	430	284	88
4	2	65	14	9	28	24	15	90	34	22	53	44	29	15
40	26	50	140	92	75	240	159	00	340	225	25	440	291	50
5	3	31	15	9	94	25	16	56	35	23	19	45	29	81
50	33	13	150	99	38	250	165	63	350	231	88	450	298	13
6	3	98	16	10	60	26	17	23	36	23	85	46	30	48
60	39	75	160	106	00	260	172	25	360	238	50	460	304	75
7	4	64	17	11	26	27	17	89	37	24	51	47	31	14
70	46	38	170	112	63	270	178	88	370	245	13	470	311	38
8	5	30	18	11	93	28	18	55	38	25	18	48	31	80
80	53	00	180	119	25	280	185	50	380	251	75	480	318	00
9	5	96	19	12	59	29	19	21	39	25	84	49	32	46
90	59	63	190	125	88	290	192	13	390	258	38	490	324	63
10	6	63	20	13	25	30	19	88	40	26	50	50	33	13
100	66	25	200	132	50	300	198	75	400	265	00	500	331	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$26.75			66½ CENTS.						\$26.75					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		67	11	7	36	21	14	04	31	20	73	41	27	42
10	6	69	110	73	56	210	140	44	310	207	31	410	274	19
2	1	34	12	8	03	22	14	71	32	21	40	42	28	09
20	13	38	120	80	25	220	147	13	320	214	00	420	280	88
3	2	01	13	8	69	23	15	38	33	22	07	43	28	76
30	20	08	130	86	94	230	153	81	330	220	69	430	287	56
4	2	68	14	9	36	24	16	05	34	22	74	44	29	43
40	26	75	140	93	63	240	160	50	340	227	38	440	294	25
5	3	34	15	10	03	25	16	72	35	23	41	45	30	09
50	33	44	150	100	31	250	167	19	350	234	06	450	300	94
6	4	01	16	10	70	26	17	39	36	24	08	46	30	76
60	40	13	160	107	00	260	173	88	360	240	75	460	307	63
7	4	68	17	11	37	27	18	06	37	24	74	47	31	43
70	46	81	170	113	69	270	180	56	370	247	44	470	314	31
8	5	35	18	12	04	28	18	73	38	25	41	48	32	10
80	53	50	180	120	38	280	187	25	380	254	13	480	321	00
9	5	02	19	12	71	29	19	39	39	26	08	49	32	77
90	60	19	190	127	06	290	193	94	390	260	81	490	327	69
10	6	69	20	13	38	30	20	06	40	26	75	50	33	44
100	66	88	200	133	75	300	200	63	400	267	50	500	334	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$27.00			67½ CENTS.						\$27.00					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		68	11	7	43	21	14	18	31	20	93	41	27	68
10	6	75	110	74	25	210	141	75	310	209	25	410	276	75
2	1	35	12	8	10	22	14	85	32	21	60	42	28	35
20	13	50	120	81	00	220	148	50	320	216	00	420	283	50
3	2	03	13	8	78	23	15	53	33	22	28	43	29	03
30	20	25	130	87	75	230	155	25	330	222	75	430	290	25
4	2	70	14	9	45	24	16	20	34	22	95	44	29	70
40	27	00	140	94	50	240	162	00	340	229	50	440	297	00
5	3	38	15	10	13	25	16	88	35	23	63	45	30	38
50	33	75	150	101	25	250	168	75	350	236	25	450	303	75
6	4	05	16	10	80	26	17	55	36	24	30	46	31	05
60	40	50	160	108	00	260	175	50	360	243	00	460	310	50
7	4	73	17	11	48	27	18	23	37	24	98	47	31	73
70	47	25	170	114	75	270	182	25	370	249	75	470	317	25
8	5	40	18	12	15	28	18	90	38	25	65	48	32	40
80	54	00	180	121	50	280	189	00	380	256	50	480	324	00
9	6	08	19	12	83	29	19	58	39	26	33	49	33	08
90	60	75	190	128	25	290	195	75	390	263	25	490	330	75
10	6	75	20	13	50	30	20	25	40	27	00	50	33	75
100	67	50	200	135	00	300	202	50	400	270	00	500	337	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$27.25			68½ CENTS.			\$27.25								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		68	11	7	49	21	14	31	31	21	12	41	27	93
10	6	81	110	74	94	210	143	06	310	211	19	410	279	31
2	1	36	12	8	18	22	14	99	32	21	80	42	28	61
20	13	63	120	81	75	220	149	88	320	218	00	420	286	13
3	2	04	13	8	86	23	15	67	33	22	48	43	29	29
30	20	44	130	88	56	230	156	69	330	224	81	430	292	94
4	2	73	14	9	54	24	16	35	34	23	16	44	29	98
40	27	25	140	95	38	240	163	50	340	231	63	440	299	75
5	3	41	15	10	22	25	17	03	35	23	84	45	30	66
50	34	06	150	102	19	250	170	31	350	238	44	450	306	56
6	4	09	16	10	90	26	17	71	36	24	53	46	31	34
60	40	88	160	109	00	260	177	13	360	245	25	460	313	38
7	4	77	17	11	58	27	18	39	37	25	21	47	32	02
70	47	69	170	115	81	270	183	94	370	252	06	470	320	19
8	5	45	18	12	26	28	19	08	38	25	89	48	32	70
80	54	50	180	122	63	280	190	75	380	258	88	480	327	00
9	6	13	19	12	94	29	19	76	39	26	57	49	33	38
90	61	31	190	129	44	290	197	56	390	265	69	490	333	81
10	6	81	20	13	63	30	20	44	40	27	25	50	34	06
100	68	13	200	136	25	300	204	38	400	272	50	500	340	63

CUBIC FEET.

40 CUBIC FEET ONE TON

\$27.50			68¾ CENTS.									\$27.50		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		69	11	7	56	21	14	44	31	21	31	41	28	19
10	6	88	110	75	63	210	144	38	310	213	13	410	281	88
2	1	38	12	8	25	22	15	13	32	22	00	42	28	88
20	13	75	120	82	50	220	151	25	320	220	00	420	288	75
3	2	06	13	8	94	23	15	81	33	22	69	43	29	56
30	20	63	130	89	38	230	158	13	330	226	88	430	295	63
4	2	75	14	9	63	24	16	50	34	23	38	44	30	25
40	27	50	140	96	25	240	165	00	340	233	75	440	302	50
5	3	44	15	10	31	25	17	19	35	24	06	45	30	94
50	34	38	150	103	13	250	171	88	350	240	63	450	309	38
6	4	13	16	11	00	26	17	88	36	24	75	46	31	63
60	41	25	160	110	00	260	178	75	360	247	50	460	316	25
7	4	81	17	11	69	27	18	56	37	25	44	47	32	31
70	48	13	170	116	88	270	185	63	370	254	38	470	323	13
8	5	50	18	12	38	28	19	25	38	26	13	48	33	00
80	55	00	180	123	75	280	192	50	380	261	25	480	330	00
9	6	19	19	13	06	29	19	94	39	26	81	49	33	69
90	61	88	190	130	63	290	199	38	390	268	13	490	336	88
10	6	88	20	13	75	30	20	63	40	27	50	50	34	38
100	68	75	200	137	50	300	206	25	400	275	00	500	343	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$27.75			69¾ CENTS.									\$27.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		69	11	7	63	21	14	57	31	21	51	41	28	44
10	6	94	110	76	31	210	145	69	310	215	06	410	284	44
2	1	39	12	8	33	22	15	26	32	22	20	42	29	14
20	13	88	120	83	25	220	152	63	320	222	00	420	291	38
3	2	08	13	9	02	23	15	96	33	22	89	43	29	83
30	20	81	130	90	19	230	159	56	330	228	94	430	298	31
4	2	78	14	9	71	24	16	65	34	23	59	44	30	53
40	27	75	140	97	13	240	166	50	340	235	88	440	305	25
5	3	47	15	10	41	25	17	34	35	24	28	45	31	22
50	34	69	150	104	06	250	173	44	350	242	81	450	312	19
6	4	16	16	11	10	26	18	04	36	24	98	46	31	91
60	41	63	160	111	00	260	180	38	360	249	75	460	319	13
7	4	86	17	11	79	27	18	73	37	25	67	47	32	61
70	48	56	170	117	94	270	187	31	370	256	69	470	326	06
8	5	55	18	12	49	28	19	43	38	26	36	48	33	30
80	55	50	180	124	88	280	194	25	380	263	03	480	333	00
9	6	24	19	13	18	29	20	12	39	27	06	49	33	99
90	62	44	190	131	81	290	201	18	390	270	56	490	339	94
10	6	94	20	13	88	30	20	81	40	27	75	50	34	69
100	69	38	200	138	75	300	208	13	400	277	50	500	346	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$28.00			70 CENTS.									\$28.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		70	11	7	70	21	14	70	31	21	70	41	28	70
10	7	00	110	77	00	210	147	00	310	217	00	410	287	00
2	1	40	12	8	40	22	15	40	32	22	40	42	29	40
20	14	00	120	84	00	220	154	00	320	224	00	420	294	00
3	2	10	13	9	10	23	16	10	33	23	10	43	30	10
30	21	00	130	91	00	230	161	00	330	231	00	430	301	00
4	2	80	14	9	80	24	16	80	34	23	80	44	30	80
40	28	00	140	98	00	240	168	00	340	238	00	440	308	00
5	3	50	15	10	50	25	17	50	35	24	50	45	31	50
50	35	00	150	105	00	250	175	00	350	245	00	450	315	00
6	4	20	16	11	20	26	18	20	36	25	20	46	32	20
60	42	00	160	112	00	260	182	00	360	252	00	460	322	00
7	4	90	17	11	90	27	18	90	37	25	90	47	32	90
70	49	00	170	119	00	270	189	00	370	259	00	470	329	00
8	5	60	18	12	60	28	19	60	38	26	60	48	33	60
80	56	00	180	126	00	280	196	00	380	266	00	480	336	00
9	6	30	19	13	30	29	20	30	39	27	30	49	34	30
90	63	00	190	133	00	290	203	00	390	273	00	490	343	00
10	7	00	20	14	00	30	21	00	40	28	00	50	35	00
100	70	00	200	140	00	300	210	00	400	280	00	500	350	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$28.25			70½ CENTS.									\$28.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		71	11	7	77	21	14	83	31	21	89	41	28	96
10	7	06	110	77	69	210	148	31	310	218	94	410	289	56
2	1	41	12	8	48	22	15	54	32	22	60	42	29	66
20	14	13	120	84	75	220	155	38	320	226	00	420	296	63
3	2	12	13	9	18	23	16	24	33	23	31	43	30	37
30	21	19	130	91	81	230	162	44	330	233	06	430	303	69
4	2	83	14	9	89	24	16	95	34	24	01	44	31	08
40	28	25	140	98	88	240	169	50	340	240	13	440	310	75
5	3	53	15	10	59	25	17	66	35	24	72	45	31	78
50	35	31	150	105	94	250	176	56	350	247	19	450	317	81
6	4	24	16	11	30	26	18	36	36	25	43	46	32	49
60	42	38	160	113	00	260	183	63	360	254	25	460	324	88
7	4	94	17	12	01	27	19	07	37	26	13	47	33	19
70	49	44	170	120	06	270	190	69	370	261	31	470	331	94
8	5	65	18	12	71	28	19	78	38	26	84	48	33	90
80	56	50	180	127	13	280	197	75	380	268	38	480	339	00
9	6	36	19	13	42	29	20	48	39	27	54	49	34	61
90	63	56	190	134	19	290	204	81	390	275	44	490	346	06
10	7	06	20	14	13	30	21	19	40	28	25	50	35	31
100	70	63	200	141	25	300	211	88	400	282	50	500	353	13

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$28.50			71¼ CENTS.			\$28.50								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		7 1	11	7	8 4	21	1 4	9 6	31	2 2	0 9	41	2 9	2 1
10	7	1 3	110	7 8	3 8	210	1 4 9	6 3	310	2 2 0	8 8	410	2 9 2	1 3
2	1	4 3	12	8	5 5	22	1 5	6 8	32	2 2	8 0	42	2 9	9 3
20	1 4	2 5	120	8 5	5 0	220	1 5 6	7 5	320	2 2 8	0 0	420	2 9 9	2 5
3	2	1 4	13	9	2 6	23	1 6	3 9	33	2 3	5 1	43	3 0	6 4
30	2 1	3 8	130	9 2	6 3	230	1 6 3	8 8	330	2 3 5	1 3	430	3 0 6	3 8
4	2	8 5	14	9	9 8	24	1 7	1 0	34	2 4	2 3	44	3 1	3 5
40	2 8	5 0	140	9 9	7 5	240	1 7 1	0 0	340	2 4 2	2 5	440	3 1 3	5 0
5	3	5 6	15	10	6 9	25	1 7	8 1	35	2 4	9 4	45	3 2	0 6
50	3 5	6 3	150	10 6	8 8	250	1 7 8	1 3	350	2 4 9	3 8	450	3 2 0	6 3
6	4	2 8	16	11	4 0	26	1 8	5 3	36	2 5	6 5	46	3 2	7 8
60	4 2	7 5	160	11 4	0 0	260	1 8 5	2 5	360	2 5 6	5 0	460	3 2 7	7 5
7	4	9 9	17	12	1 1	27	1 9	2 4	37	2 6	3 6	47	3 3	4 9
70	4 9	8 8	170	12 1	1 3	270	1 9 2	3 8	370	2 6 3	6 3	470	3 3 4	8 8
8	5	7 0	18	12	8 3	28	1 9	9 5	38	2 7	0 8	48	3 4	2 0
80	5 7	0 0	180	12 8	2 5	280	1 9 9	5 0	380	2 7 0	7 5	480	3 4 2	0 0
9	6	4 1	19	13	5 4	29	20	6 6	39	2 7	7 9	49	3 4	9 1
90	6 4	1 3	190	13 5	3 8	290	20 6	6 3	390	2 7 7	8 8	490	3 4 9	1 3
10	7	1 3	20	14	2 5	30	2 1	3 8	40	2 8	5 0	50	3 5	6 3
100	7 1	2 5	200	14 2	5 0	300	2 1 3	7 5	400	2 8 5	0 0	500	3 5 6	2 5

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$28.75			71½ CENTS.			\$28.75								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		7 2	11	7	9 1	21	1 5	0 9	31	2 2	2 8	41	2 9	4 7
10	7	1 9	110	7 9	0 6	210	1 5 0	9 4	310	2 2 2	8 1	410	2 9 4	6 9
2	1	4 4	12	8	6 3	22	1 5	8 1	32	2 3	0 0	42	3 0	1 9
20	1 4	3 8	120	8 6	2 5	220	1 5 8	1 3	320	2 3 0	0 0	420	3 0 1	8 8
3	2	1 6	13	9	3 4	23	1 6	5 3	33	2 3	7 2	43	3 0	9 1
30	2 1	5 6	130	9 3	4 4	230	1 6 5	3 1	330	2 3 7	1 9	430	3 0 9	0 6
4	2	8 8	14	10	0 6	24	1 7	2 5	34	2 4	4 4	44	3 1	6 3
40	2 8	7 5	140	10 0	6 3	240	1 7 2	5 0	340	2 4 4	3 8	440	3 1 6	2 5
5	3	5 9	15	10	7 8	25	1 7	9 7	35	2 5	1 6	45	3 2	3 4
50	3 5	9 4	150	10 7	8 1	250	1 7 9	6 9	350	2 5 1	5 6	450	3 2 3	4 4
6	4	3 1	16	11	5 0	26	1 8	6 9	36	2 5	8 8	46	3 3	0 6
60	4 3	1 3	160	11 5	0 0	260	1 8 6	8 8	360	2 5 8	7 5	460	3 3 0	6 3
7	5	0 3	17	12	2 2	27	1 9	4 1	37	2 6	5 9	47	3 3	7 8
70	5 0	3 1	170	12 2	1 9	270	1 9 4	0 6	370	2 6 5	9 4	470	3 3 7	8 1
8	5	7 5	18	12	9 4	28	20	1 3	38	2 7	3 1	48	3 4	5 0
80	5 7	5 0	180	12 9	3 8	280	20 1	2 5	380	2 7 3	1 3	480	3 4 5	0 0
9	6	4 7	19	13	6 6	29	20	8 4	39	2 8	0 3	49	3 5	2 2
90	6 4	6 9	190	13 6	5 6	290	20 8	4 4	390	2 8 0	3 1	490	3 5 2	1 9
10	7	1 8	20	14	3 8	30	21	5 6	40	2 8	7 5	50	3 5	9 4
100	7 1	8 8	200	14 3	7 5	300	21 5	6 3	400	2 8 7	5 0	500	3 5 9	3 8

CUBIC FEET.

40 CUBIC FEET ONE TON

\$29.00

72½ CENTS.

\$29.00

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		73	11	7	98	21	15	23	31	22	48	41	29	73
10	7	25	110	79	75	210	152	25	310	224	75	410	297	25
2	1	45	12	8	70	22	15	95	32	23	20	42	30	45
20	14	50	120	87	00	220	159	50	320	232	00	420	304	50
3	2	18	13	9	43	23	16	68	33	23	93	43	31	18
30	21	75	130	94	25	230	166	75	330	239	25	430	311	75
4	2	90	14	10	15	24	17	40	34	24	65	44	31	90
40	29	00	140	101	50	240	174	00	340	246	50	440	319	00
5	3	03	15	10	88	25	18	13	35	25	38	45	32	63
50	36	25	150	108	75	250	181	25	350	253	75	450	326	25
6	4	35	16	11	60	26	18	85	36	26	10	46	33	35
60	43	50	160	116	00	260	188	50	360	261	00	460	333	50
7	5	08	17	12	33	27	19	58	37	26	83	47	34	08
70	50	75	170	123	25	270	195	75	370	268	25	470	340	75
8	5	80	18	13	05	28	20	30	38	27	55	48	34	80
80	58	00	180	130	50	280	203	00	380	275	50	480	348	00
9	6	53	19	13	78	29	21	03	39	28	28	49	35	53
90	65	25	190	137	75	290	210	25	390	282	75	490	355	25
10	7	25	20	14	50	30	21	75	40	29	00	50	36	25
100	72	50	200	145	00	300	217	50	400	290	00	500	362	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$29.25

73½ CENTS.

\$29.25

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		73	11	8	04	21	15	37	31	22	67	41	29	98
10	7	31	110	80	44	210	153	56	310	226	69	410	299	81
2	1	46	12	8	78	22	16	09	32	23	40	42	30	71
20	14	63	120	87	75	220	160	88	320	234	00	420	307	13
3	2	19	13	9	51	23	16	82	33	24	13	43	31	44
30	21	94	130	95	06	230	168	19	330	241	31	430	314	41
4	2	93	14	10	24	24	17	55	34	24	86	44	32	18
40	29	25	140	102	38	240	175	50	340	248	63	440	321	75
5	3	66	15	10	97	25	18	28	35	25	59	45	32	91
50	36	56	150	109	69	250	182	81	350	255	94	450	329	06
6	4	39	16	11	70	26	19	01	36	26	33	46	33	64
60	43	88	160	117	00	260	190	13	360	263	25	460	336	38
7	5	12	17	12	43	27	19	74	37	27	07	47	34	37
70	51	19	170	124	31	270	197	44	370	270	56	470	343	69
8	5	85	18	13	16	28	20	48	38	27	79	48	35	10
80	58	50	180	131	63	280	204	75	380	277	88	480	351	00
9	6	58	19	13	89	29	21	21	39	28	52	49	35	83
90	65	81	190	138	94	290	212	06	390	285	19	490	358	31
10	7	31	20	14	63	30	21	94	40	29	25	50	36	56
100	73	13	200	146	25	300	219	38	400	292	50	500	365	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$29.50			73¼ CENTS.									\$29.50		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		74	11	8	11	21	15	49	31	22	86	41	30	24
10	7	38	110	81	13	210	154	88	310	228	63	410	302	38
2	1	48	12	8	85	22	16	23	32	23	60	42	30	98
20	14	75	120	88	50	220	162	25	320	236	00	420	309	75
3	2	21	13	9	59	23	16	96	33	24	34	43	31	71
30	22	13	130	95	88	230	169	63	330	243	38	430	317	13
4	2	95	14	10	33	24	17	70	34	25	08	44	32	45
40	29	50	140	103	25	240	177	00	340	250	75	440	324	50
5	3	69	15	11	06	25	18	44	35	25	81	45	33	19
50	36	88	150	110	63	250	184	38	350	258	13	450	331	88
6	4	43	16	11	80	26	19	18	36	26	55	46	33	93
60	44	25	160	118	00	260	191	75	360	265	50	460	339	25
7	5	16	17	12	54	27	19	91	37	27	29	47	34	66
70	51	63	170	125	38	270	199	13	370	272	88	470	346	63
8	5	90	18	13	28	28	20	65	38	28	03	48	35	40
80	59	00	180	132	75	280	206	50	380	280	25	480	354	00
9	6	64	19	14	01	29	21	39	39	28	76	49	36	14
90	66	38	190	140	13	290	213	88	390	287	63	490	361	38
10	7	38	20	14	75	30	22	13	40	29	50	50	36	88
100	73	75	200	147	50	300	221	25	400	295	00	500	368	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$29.75			74¾ CENTS.									\$29.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		74	11	8	18	21	15	62	31	23	06	41	30	49
10	7	44	110	81	81	210	156	19	310	230	56	410	304	94
2	1	49	12	8	93	22	16	36	32	23	80	42	31	24
20	14	88	120	89	25	220	163	63	320	238	00	420	312	38
3	2	23	13	9	67	23	17	11	33	24	54	43	31	98
30	22	31	130	96	69	230	171	06	330	245	44	430	319	81
4	2	98	14	10	41	24	17	85	34	25	29	44	32	73
40	29	75	140	104	13	240	178	50	340	252	88	440	327	25
5	3	72	15	11	16	25	18	59	35	26	03	45	33	47
50	37	19	150	111	56	250	185	94	350	260	31	450	334	69
6	4	46	16	11	90	26	19	34	36	26	78	46	34	21
60	44	63	160	119	00	260	193	38	360	267	75	460	342	13
7	5	21	17	12	64	27	20	08	37	27	52	47	34	96
70	52	06	170	126	44	270	200	81	370	275	19	470	349	56
8	5	95	18	13	39	28	20	83	38	28	26	48	35	70
80	59	50	180	133	88	280	208	25	380	282	63	480	357	00
9	6	69	19	14	13	29	21	57	39	29	01	49	36	44
90	66	94	190	141	31	290	215	69	390	290	06	490	364	44
10	7	44	20	14	88	30	22	31	40	29	75	50	37	19
100	74	38	200	148	75	300	223	31	400	297	50	500	371	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$30.00			75 CENTS.									\$30.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		75	11	8	25	21	15	75	31	23	25	41	30	75
10	7	50	110	82	50	210	157	50	310	232	50	410	307	50
2	1	50	12	9	00	22	16	50	32	24	00	42	31	50
20	15	00	120	90	00	220	165	00	320	240	00	420	315	00
3	2	25	13	9	75	23	17	25	33	24	75	43	32	25
30	22	50	130	97	50	230	172	50	330	247	50	430	322	50
4	3	00	14	10	50	24	18	00	34	25	50	44	33	00
40	30	00	140	105	00	240	180	00	340	255	00	440	330	00
5	3	75	15	11	25	25	18	75	35	26	25	45	33	75
50	37	50	150	112	50	250	187	50	350	262	50	450	337	50
6	4	50	16	12	00	26	19	50	36	27	00	46	34	50
60	45	00	160	120	00	260	195	00	360	270	00	460	345	00
7	5	25	17	12	75	27	20	25	37	27	75	47	35	25
70	52	50	170	127	50	270	202	50	370	277	50	470	352	50
8	6	00	18	13	50	28	21	00	38	28	50	48	36	00
80	60	00	180	135	00	280	210	00	380	285	00	480	360	00
9	6	75	19	14	25	29	21	75	39	29	25	49	36	75
90	67	50	190	142	50	290	217	50	390	292	50	490	367	50
10	7	50	20	15	00	30	22	50	40	30	00	50	37	50
100	75	00	200	150	00	300	225	00	400	300	00	500	375	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$30.25			75½ CENTS.									\$30.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		76	11	8	32	21	15	88	31	23	44	41	31	01
10	7	56	110	83	19	210	158	81	310	234	44	410	310	06
2	1	51	12	9	08	22	16	64	32	24	20	42	31	76
20	15	13	120	90	75	220	166	38	320	242	00	420	317	63
3	2	27	13	9	83	23	17	39	33	24	96	43	32	52
30	22	69	130	98	31	230	173	94	330	249	56	430	325	19
4	3	03	14	10	59	24	18	15	34	25	71	44	33	28
40	30	25	140	105	88	240	181	50	340	257	13	440	332	75
5	3	78	15	11	34	25	18	91	35	26	47	45	34	03
50	37	81	150	113	44	250	189	06	350	264	69	450	340	31
6	4	54	16	12	10	26	19	66	36	27	23	46	34	79
60	45	38	160	121	00	260	196	63	360	272	25	460	347	88
7	5	29	17	12	86	27	20	42	37	27	98	47	35	54
70	52	94	170	128	56	270	204	19	370	279	81	470	355	44
8	6	05	18	13	61	28	21	18	38	28	74	48	36	30
80	60	50	180	136	13	280	211	75	380	287	38	480	363	00
9	6	81	19	14	37	29	21	93	39	29	49	49	37	06
90	68	06	190	143	69	290	219	31	390	294	94	490	370	56
10	7	56	20	15	13	30	22	69	40	30	25	50	37	81
100	75	63	200	151	25	300	226	88	400	302	50	500	378	13

CUBIC FEET.

40 CUBIC FEET ONE TON

\$30.50			76¼ CENTS.			\$30.50								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		76	11	8	39	21	16	01	31	23	64	41	31	26
10	7	63	110	83	88	210	160	13	310	236	38	410	312	63
2	1	53	12	9	15	22	16	78	32	24	40	42	32	03
20	15	25	120	91	50	220	167	75	320	244	00	420	320	25
3	2	29	13	9	91	23	17	54	33	25	16	43	32	79
30	22	88	130	99	13	230	175	38	330	251	63	430	327	88
4	3	05	14	10	68	24	18	30	34	25	93	44	33	55
40	30	50	140	106	75	240	183	00	340	259	25	440	335	50
5	3	81	15	11	44	25	19	06	35	26	69	45	34	31
50	38	13	150	114	38	250	190	63	350	266	88	450	343	13
6	4	58	16	12	20	26	19	83	36	27	45	46	35	08
60	45	75	160	122	00	260	193	25	360	274	50	460	350	75
7	5	34	17	12	96	27	20	59	37	28	21	47	35	84
70	53	38	170	129	63	270	205	88	370	282	13	470	358	38
8	6	10	18	13	73	28	21	35	38	28	98	48	36	60
80	61	00	180	137	25	280	213	50	380	289	75	480	366	00
9	6	86	19	14	49	29	22	11	39	29	74	49	37	36
90	68	63	190	144	88	290	221	13	390	297	38	490	373	03
10	7	63	20	15	25	30	22	88	40	30	50	50	38	13
100	76	25	200	152	50	300	228	75	400	305	00	500	381	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$30.75			76½ CENTS.						\$30.75					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		77	11	8	46	21	16	14	31	23	83	41	31	52
10	7	69	110	84	56	210	161	44	310	238	31	410	315	19
2	1	54	12	9	23	22	16	91	32	24	60	42	32	29
20	15	38	120	92	25	220	169	13	320	246	00	420	322	88
3	2	31	13	9	99	23	17	68	33	25	37	43	33	06
30	23	06	130	99	94	230	176	81	330	253	69	430	330	56
4	3	08	14	10	76	24	18	45	34	26	14	44	33	83
40	30	75	140	107	63	240	184	50	340	261	38	440	338	25
5	3	84	15	11	53	25	19	22	35	26	91	45	34	59
50	38	44	150	115	31	250	192	19	350	269	06	450	345	94
6	4	61	16	12	30	26	19	99	36	27	68	46	35	36
60	46	13	160	123	00	260	199	88	360	276	75	460	353	63
7	5	38	17	13	07	27	20	76	37	28	44	47	36	13
70	53	81	170	130	69	270	207	56	370	284	44	470	361	31
8	6	15	18	13	84	28	21	53	38	29	21	48	36	90
80	61	50	180	138	38	280	215	25	380	292	13	480	369	00
9	6	92	19	14	61	29	22	29	39	29	98	49	37	67
90	69	19	190	146	06	290	222	94	390	299	81	490	376	69
10	7	69	20	15	38	30	23	06	40	30	75	50	38	44
100	76	88	200	153	75	300	230	63	400	307	50	500	384	38

CUBIC FEET.

40 CUBIC FEET ONE TON

\$31.00

77½ CENTS.

\$31.00

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		78	11	8	53	21	16	28	31	24	03	41	31	78
10	7	75	110	85	25	210	162	75	310	240	25	410	317	75
2	1	55	12	9	30	22	17	05	32	24	80	42	32	55
20	15	50	120	93	00	220	170	50	320	248	00	420	325	50
3	2	33	13	10	08	23	17	83	33	25	58	43	33	33
30	23	25	130	100	75	230	178	25	330	255	75	430	333	25
4	3	10	14	10	85	24	18	60	34	26	35	44	34	10
40	31	00	140	108	50	240	186	00	340	263	50	440	341	00
5	3	88	15	11	63	25	19	38	35	27	13	45	34	88
50	38	75	150	116	25	250	193	75	350	271	25	450	348	75
6	4	65	16	12	40	26	20	15	36	27	90	46	35	65
60	46	50	160	124	00	260	201	50	360	279	00	460	356	50
7	5	43	17	13	18	27	20	93	37	28	68	47	36	43
70	54	25	170	131	75	270	209	25	370	286	75	470	364	25
8	6	20	18	13	95	28	21	70	38	29	45	48	37	20
80	62	00	180	139	50	280	217	00	380	294	50	480	372	00
9	6	98	19	14	73	29	22	48	39	30	23	49	37	98
90	69	75	190	147	25	290	224	75	390	302	25	490	379	75
10	7	75	20	15	50	30	23	25	40	31	00	50	38	75
100	77	50	200	155	00	300	232	50	400	310	00	500	387	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$31.25

78½ CENTS.

\$31.25

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		78	11	8	59	21	16	41	31	24	22	41	32	03
10	7	81	110	85	94	210	164	06	310	242	19	410	320	31
2	1	56	12	9	38	22	17	19	32	25	00	42	32	81
20	15	63	120	93	75	220	171	88	320	250	00	420	328	13
3	2	34	13	10	16	23	17	97	33	25	78	43	33	59
30	23	44	130	101	56	230	179	69	330	257	81	430	335	94
4	3	13	14	10	94	24	18	75	34	26	56	44	34	38
40	31	25	140	109	38	240	187	50	340	265	63	440	343	75
5	3	91	15	11	72	25	19	53	35	27	34	45	35	16
50	39	06	150	117	19	250	195	31	350	273	44	450	351	56
6	4	69	16	12	50	26	20	31	36	28	13	46	35	94
60	46	88	160	125	00	260	203	13	360	281	25	460	359	38
7	5	47	17	13	28	27	21	09	37	28	91	47	36	72
70	54	69	170	132	81	270	210	94	370	289	06	470	367	19
8	6	25	18	14	06	28	21	88	38	29	69	48	37	50
80	62	50	180	140	63	280	218	75	380	296	88	480	375	00
9	7	03	19	14	84	29	22	66	39	30	47	49	38	28
90	70	31	190	148	44	290	226	56	390	304	69	490	382	81
10	7	81	20	15	63	30	23	44	40	31	25	50	39	06
100	78	13	200	156	25	300	234	38	400	312	50	500	390	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$31.50			78¾ CENTS.									\$31.50		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		79	11	8	66	21	16	54	31	24	41	41	32	29
10	7	88	110	86	63	210	165	38	310	244	13	410	322	88
2	1	58	12	9	45	22	17	33	32	25	20	42	33	08
20	15	75	120	94	50	220	173	25	320	252	00	420	330	75
3	2	36	13	10	24	23	18	11	33	25	99	43	33	86
30	23	63	130	102	38	230	181	13	330	259	88	430	338	63
4	3	15	14	11	03	24	18	90	34	26	78	44	34	65
40	31	50	140	110	25	240	189	00	340	267	75	440	346	50
5	3	94	15	11	81	25	19	69	35	27	56	45	35	44
50	39	38	150	118	13	250	196	88	350	275	63	450	354	38
6	4	73	16	12	60	26	20	48	36	28	35	46	36	23
60	47	25	160	126	00	260	204	75	360	283	50	460	362	25
7	5	51	17	13	39	27	21	26	37	29	14	47	27	01
70	55	13	170	133	88	270	212	63	370	291	38	470	270	13
8	6	30	18	14	18	28	22	05	38	29	93	48	37	80
80	63	00	180	141	75	280	220	50	380	299	25	480	378	00
9	7	09	19	14	96	29	22	84	39	30	71	49	38	59
90	70	88	190	149	63	290	228	38	390	307	13	490	385	88
10	7	88	20	15	75	30	23	63	40	31	50	50	39	38
100	78	75	200	157	50	300	236	25	400	315	00	500	393	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$31.75			79¾ CENTS.									\$31.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		79	11	8	73	21	16	67	31	24	61	41	32	54
10	7	94	110	87	31	210	166	69	310	246	06	410	325	44
2	1	59	12	9	53	22	17	46	32	25	40	42	33	34
20	15	88	120	95	25	220	174	63	320	254	00	420	333	38
3	2	38	13	10	32	23	18	26	33	26	19	43	34	13
30	23	81	130	103	19	230	182	56	330	261	94	430	341	31
4	3	18	14	11	11	24	19	05	34	26	99	44	34	93
40	31	75	140	111	13	240	190	50	340	269	88	440	349	25
5	3	97	15	11	91	25	19	84	35	27	78	45	35	72
50	39	69	150	119	06	250	198	44	350	277	81	450	357	19
6	4	76	16	12	70	26	20	64	36	28	58	46	36	51
60	47	63	160	127	00	260	206	38	360	285	75	460	365	13
7	5	56	17	13	49	27	21	43	37	29	37	47	37	31
70	55	56	170	134	94	270	214	31	370	293	69	470	373	06
8	6	35	18	14	29	28	22	23	38	30	16	48	38	10
80	63	50	180	142	88	280	222	25	380	301	63	480	381	00
9	7	14	19	15	08	29	23	02	39	30	96	49	38	89
90	71	44	190	150	81	290	230	19	390	309	56	490	388	94
10	7	94	20	15	88	30	23	81	40	31	75	50	39	69
100	79	38	200	158	75	300	238	13	400	317	50	500	396	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$32.00			80 CENTS.									\$32.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		80	11	8	80	21	16	80	31	24	80	41	32	80
10	8	00	110	88	00	210	168	00	310	248	00	410	328	00
2	1	60	12	9	60	22	17	60	32	25	60	42	33	60
20	16	00	120	96	00	220	176	00	320	256	00	420	336	00
3	2	40	13	10	40	23	18	40	33	26	40	43	34	40
30	24	00	130	104	00	230	184	00	330	264	00	430	344	00
4	3	20	14	11	20	24	19	20	34	27	20	44	35	20
40	32	00	140	112	00	240	192	00	340	272	00	440	352	00
5	4	00	15	12	00	25	20	00	35	28	00	45	36	00
50	40	00	150	120	00	250	200	00	350	280	00	450	360	00
6	4	80	16	12	80	26	20	80	36	28	80	46	36	80
60	48	00	160	128	00	260	208	00	360	288	00	460	368	00
7	5	60	17	13	60	27	21	60	37	29	60	47	37	60
70	56	00	170	136	00	270	216	00	370	296	00	470	376	00
8	6	40	18	14	40	28	22	40	38	30	40	48	38	40
80	64	00	180	144	00	280	224	00	380	304	00	480	384	00
9	7	20	19	15	20	29	23	20	39	31	20	49	39	20
90	72	00	190	152	00	290	232	00	390	312	00	490	392	00
10	8	00	20	16	00	30	24	00	40	32	00	50	40	00
100	80	00	200	160	00	300	240	00	400	320	00	500	400	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$32.25			80½ CENTS.									\$32.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		81	11	8	87	21	16	93	31	24	99	41	33	06
10	8	06	110	88	69	210	169	31	310	249	94	410	330	56
2	1	61	12	9	68	22	17	74	32	25	80	42	33	86
20	16	13	120	96	75	220	177	38	320	258	00	420	338	63
3	2	42	13	10	48	23	18	54	33	26	61	43	34	67
30	24	19	130	104	81	230	185	44	330	266	06	430	346	69
4	3	23	14	11	29	24	19	35	34	27	41	44	35	48
40	32	25	140	112	88	240	193	50	340	274	13	440	354	75
5	4	03	15	12	09	25	20	16	35	28	22	45	36	28
50	40	31	150	120	94	250	201	56	350	282	19	450	362	81
6	4	84	16	12	90	26	20	96	36	29	93	46	37	09
60	48	38	160	129	00	260	209	63	360	290	25	460	370	88
7	5	64	17	13	71	27	21	77	37	29	83	47	37	89
70	56	44	170	137	06	270	217	69	370	298	31	470	378	94
8	6	45	18	14	51	28	22	58	38	30	64	48	38	70
80	64	50	180	145	13	280	225	75	380	306	38	480	387	00
9	7	26	19	15	32	29	23	38	39	31	44	49	39	51
90	72	56	190	153	19	290	233	81	390	314	44	490	395	06
10	8	06	20	16	13	30	24	18	40	32	25	50	40	31
100	80	63	200	161	25	300	241	88	400	322	50	500	403	13

CUBIC FEET.

40 CUBIC FEET ONE TON

\$32.50			81¼ CENTS.									\$32.50		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		81	11		894	21		1706	31		2519	41		3331
10	8	13	110	89	38	210	170	63	310	251	88	410	333	13
2		63	12		975	22		1788	32		2600	42		3413
20	16	25	120	97	50	220	178	75	320	260	00	420	341	25
3		244	13		1056	23		1869	33		2681	43		3494
30	24	38	130	105	63	230	186	88	330	268	13	430	349	38
4		325	14		1138	24		1950	34		2763	44		3575
40	32	50	140	113	75	240	195	00	340	276	25	440	357	50
5		406	15		1219	25		2031	35		2844	45		3656
50	40	63	150	121	88	250	203	13	350	284	38	450	365	63
6		488	16		1300	26		2113	36		2925	46		3738
60	48	75	160	130	00	260	211	25	360	292	50	460	373	75
7		569	17		1381	27		2194	37		3006	47		3819
70	56	88	170	138	13	270	219	38	370	300	63	470	381	88
8		650	18		1463	28		2275	38		3088	48		3900
80	65	00	180	146	25	280	227	50	380	308	75	480	390	00
9		731	19		1544	29		2356	39		3169	49		3981
90	73	13	190	154	38	290	235	63	390	316	88	490	398	13
10		813	20		1625	30		2438	40		3250	50		4063
100	81	25	200	162	50	300	243	75	400	325	00	500	406	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$32.75			81¼ CENTS.									\$32.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		82	11		901	21		1719	31		2538	41		3357
10	8	19	110	90	06	210	171	94	310	253	81	410	335	69
2		164	12		983	22		1801	32		2620	42		3439
20	16	38	120	98	25	220	180	13	320	262	00	420	343	88
3		246	13		1064	23		1883	33		2702	43		3521
30	24	56	130	106	44	230	188	31	330	270	19	430	352	06
4		328	14		1146	24		1965	34		2784	44		3603
40	32	75	140	114	63	240	196	50	340	278	38	440	360	25
5		409	15		1228	25		2047	35		2866	45		3684
50	40	94	150	122	81	250	204	69	350	286	55	450	368	44
6		491	16		1310	26		2129	36		2948	46		3766
60	49	13	160	131	00	260	212	88	360	294	75	460	376	63
7		573	17		1392	27		2211	37		3029	47		3848
70	57	31	170	139	19	270	221	06	370	302	94	470	384	81
8		655	18		1474	28		2293	38		3111	48		3930
80	65	50	180	147	38	280	229	25	380	311	13	480	393	00
9		737	19		1556	29		2374	39		3193	49		4012
90	73	69	190	155	56	290	237	44	390	319	31	490	401	19
10		819	20		1638	30		2456	40		3275	50		4094
100	81	88	200	163	75	300	245	63	400	327	50	500	409	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$33.00			82½ CENTS.			\$33.00								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		83	11	9	08	21	17	33	31	25	58	41	33	83
10	8	25	110	90	75	210	173	25	310	255	75	410	338	25
2	1	65	12	9	90	22	18	15	32	26	40	42	34	65
20	16	50	120	99	00	220	181	50	320	264	00	420	346	50
3	2	48	13	10	73	23	18	98	33	27	23	43	35	48
30	24	75	130	107	25	230	189	75	330	272	25	430	354	75
4	3	30	14	11	55	24	19	80	34	28	05	44	36	30
40	33	00	140	115	50	240	198	00	340	280	50	440	363	00
5	4	13	15	12	38	25	20	63	35	28	88	45	37	13
50	41	25	150	123	75	250	206	25	350	288	75	450	371	25
6	4	95	16	13	20	26	21	45	36	29	70	46	37	95
60	49	50	160	132	00	260	214	50	360	297	00	460	379	50
7	5	78	17	14	03	27	22	28	37	30	53	47	38	78
70	57	75	170	140	25	270	222	75	370	305	25	470	387	75
8	6	60	18	14	85	28	23	10	38	31	35	48	39	60
80	66	00	180	148	50	280	231	00	380	313	50	480	396	00
9	7	43	19	15	68	29	23	93	39	32	18	49	40	43
90	74	25	190	156	75	290	239	25	390	321	75	490	404	25
10	8	25	20	16	50	30	24	75	40	33	00	50	41	25
100	82	50	200	165	00	300	247	50	400	330	00	500	412	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$33.25			83⅓ CENTS.			\$33.25								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		83	11	9	14	21	17	46	31	25	77	41	34	08
10	8	31	110	91	44	210	174	56	310	257	69	410	340	81
2	1	66	12	9	98	22	18	29	32	26	60	42	34	91
20	16	63	120	99	75	220	182	88	320	266	00	420	349	13
3	2	49	13	10	81	23	19	12	33	27	43	43	35	74
30	24	94	130	108	06	230	191	19	330	274	31	430	357	44
4	3	33	14	11	64	24	19	95	34	28	26	44	36	58
40	33	25	140	116	38	240	199	50	340	282	63	440	365	75
5	4	16	15	12	47	25	20	78	35	29	09	45	37	41
50	41	56	150	124	69	250	207	81	350	290	94	450	374	06
6	4	99	16	13	30	26	21	61	36	29	93	46	38	24
60	49	88	160	133	00	260	216	13	360	299	25	460	382	38
7	5	82	17	14	13	27	22	44	37	30	76	47	39	07
70	58	19	170	141	31	270	224	44	370	307	56	470	390	69
8	6	65	18	14	96	28	23	28	38	31	59	48	39	90
80	66	50	180	149	63	280	232	75	380	315	88	480	399	00
9	7	48	19	15	79	29	24	11	39	32	42	49	40	73
90	74	81	190	157	94	290	241	06	390	324	19	490	407	31
10	8	31	20	16	63	30	24	94	40	33	25	50	41	56
100	83	13	200	166	25	300	249	38	400	332	50	500	415	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$33.50			83¼ CENTS.			\$33.50								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		84	11		92	21		175	31		259	41		343
10	8	38	110	92	13	210	175	88	310	259	63	410	343	38
2		168	12		100	22		184	32		268	42		351
20	16	75	120	100	50	220	184	25	320	268	00	420	351	75
3		251	13		108	23		192	33		276	43		360
30	25	13	130	108	88	230	192	63	330	276	38	430	360	13
4		335	14		117	24		201	34		284	44		368
40	33	50	140	117	25	240	201	00	340	284	75	440	368	50
5		419	15		125	25		209	35		293	45		376
50	41	88	150	125	63	250	209	38	350	293	13	450	376	88
6		503	16		134	26		217	36		301	46		385
60	50	25	160	134	00	260	217	75	360	301	50	460	385	25
7		586	17		142	27		226	37		309	47		393
70	58	63	170	142	38	270	226	13	370	309	88	470	393	63
8		670	18		150	28		234	38		318	48		402
80	67	00	180	150	75	280	234	50	380	318	25	480	402	00
9		754	19		159	29		242	39		326	49		410
90	75	38	190	159	13	290	242	88	390	326	63	490	410	38
10		838	20		167	30		251	40		335	50		418
100	83	75	200	167	50	300	251	25	400	335	00	500	418	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$33.75			84¾ CENTS.						\$33.75					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		84	11	9	28	21	17	72	31	26	16	41	34	59
10	8	44	110	92	81	210	177	19	310	261	56	410	345	94
2	1	69	12	10	13	22	18	56	32	27	00	42	35	44
20	16	88	120	101	25	220	185	63	320	270	00	420	354	38
3	2	53	13	10	97	23	19	41	33	27	84	43	36	28
30	25	31	130	109	68	230	194	06	330	278	44	430	362	81
4	3	38	14	11	81	24	20	25	34	28	69	44	37	13
40	33	75	140	118	13	240	202	50	340	286	88	440	371	25
5	4	22	15	12	66	25	21	09	35	29	53	45	37	97
50	42	19	150	126	56	250	210	94	350	295	31	450	379	69
6	5	06	16	13	50	26	21	94	36	30	38	46	38	81
60	50	63	160	135	00	260	219	38	360	303	75	460	388	13
7	5	91	17	14	34	27	22	78	37	31	22	47	39	66
70	59	06	170	143	44	270	227	81	370	312	19	470	396	56
8	6	75	18	15	19	28	23	63	38	32	06	48	40	50
80	67	50	180	151	88	280	236	25	380	320	63	480	405	00
9	7	59	19	16	03	29	24	47	39	32	91	49	41	34
90	75	94	190	160	31	290	244	69	390	329	06	490	413	44
10	8	44	20	16	88	30	25	31	40	33	75	50	42	19
100	84	38	200	168	75	300	253	13	400	337	50	500	421	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$34.00			85 CENTS.			\$34.00								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		85	11	9	35	21	17	85	31	26	35	41	34	85
10	8	50	110	93	50	210	178	50	310	263	50	410	348	50
2	1	70	12	10	20	22	18	70	32	27	20	42	35	70
20	17	00	120	102	00	220	187	00	320	272	00	420	357	00
3	2	55	13	11	05	23	19	55	33	28	05	43	36	55
30	25	50	130	110	50	230	195	50	330	280	50	430	365	50
4	3	40	14	11	90	24	20	40	34	28	90	44	37	40
40	34	00	140	119	00	240	204	00	340	289	00	440	374	00
5	4	25	15	12	75	25	21	25	35	29	75	45	38	25
50	42	50	150	127	50	250	212	50	350	297	50	450	382	50
6	5	10	16	13	60	26	22	10	36	30	60	46	39	10
60	51	00	160	136	00	260	221	00	360	306	00	460	391	00
7	5	95	17	14	45	27	22	95	37	31	45	47	39	95
70	59	50	170	144	50	270	229	50	370	314	50	470	399	50
8	6	80	18	15	30	28	23	80	38	32	30	48	40	80
80	68	00	180	153	00	280	238	00	380	323	00	480	408	00
9	7	65	19	16	15	29	24	65	39	33	15	49	41	65
90	76	50	190	161	50	290	246	50	390	331	50	490	416	50
10	8	50	20	17	00	30	25	50	40	34	00	50	42	50
100	85	00	200	170	00	300	255	00	400	340	00	500	425	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$34.25			85½ CENTS.						\$34.25					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		86	11	9	42	21	17	98	31	26	54	41	35	11
10	8	58	110	94	19	210	179	81	310	265	44	410	351	06
2	1	71	12	10	28	22	18	84	32	27	40	42	35	96
20	17	13	120	102	75	220	188	38	320	274	00	420	359	63
3	2	57	13	11	13	23	19	69	33	28	26	43	36	82
30	25	69	130	111	31	230	196	94	330	282	56	430	368	19
4	3	43	14	11	99	24	20	55	34	29	11	44	37	68
40	34	25	140	119	88	240	205	50	340	291	13	440	376	75
5	4	28	15	12	84	25	21	41	35	29	97	45	38	53
50	42	82	150	128	44	250	214	06	350	299	69	450	385	31
6	5	14	16	13	70	26	22	26	36	30	83	46	39	39
60	51	38	160	137	00	260	222	63	360	308	25	460	393	88
7	5	99	17	14	56	27	23	12	37	31	68	47	40	24
70	59	94	170	145	56	270	231	19	370	316	81	470	402	44
8	6	85	18	15	41	28	23	98	38	32	54	48	41	10
80	68	50	180	154	13	280	239	75	380	325	38	480	411	00
9	7	71	19	16	27	29	24	83	39	33	39	49	41	96
90	77	06	190	162	69	290	248	31	390	333	94	490	419	56
10	8	56	20	17	13	30	25	69	40	34	25	50	42	81
100	85	63	200	171	25	300	256	88	400	342	50	500	428	13

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$34.50			86¼ CENTS.									\$34.50		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		86	11	9	49	21	18	11	31	26	74	41	35	36
10	8	63	110	94	88	210	181	13	310	267	38	410	353	63
2	1	73	12	10	35	22	18	96	32	27	60	42	36	23
20	17	25	120	103	50	220	189	75	320	276	00	420	362	25
3	2	59	13	11	21	23	19	84	33	28	46	43	37	09
30	25	88	130	112	13	230	198	38	330	284	63	430	370	88
4	3	45	14	12	08	24	20	70	34	29	33	44	37	95
40	34	50	140	120	75	240	207	00	340	293	25	440	379	50
5	4	31	15	12	94	25	21	56	35	30	19	45	38	81
50	43	13	150	129	38	250	215	63	350	301	88	450	388	13
6	5	18	16	13	80	26	22	43	36	31	05	46	39	68
60	51	75	160	138	00	260	224	25	360	310	50	460	396	75
7	6	04	17	14	66	27	23	29	37	31	91	47	40	54
70	60	38	170	146	63	270	232	88	370	319	13	470	405	30
8	6	90	18	15	53	28	24	15	38	32	78	48	41	40
80	69	00	180	155	25	280	241	50	380	327	75	480	414	00
9	7	76	19	16	39	29	25	01	39	33	64	49	42	26
90	77	63	190	163	88	290	250	13	390	336	38	490	422	63
10	8	63	20	17	25	30	25	88	40	34	50	50	43	13
100	86	25	200	172	50	300	258	75	400	345	00	500	431	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$34.75			86½ CENTS.									\$34.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		87	11	9	56	21	18	24	31	26	93	41	35	62
10	8	69	110	95	56	210	182	44	310	269	31	410	356	19
2	1	74	12	10	43	22	19	11	32	27	80	42	36	49
20	17	38	120	104	25	220	191	13	320	278	00	420	364	88
3	2	61	13	11	29	23	19	98	33	28	67	43	37	36
30	26	06	130	112	94	230	199	81	330	286	69	430	373	56
4	3	48	14	12	16	24	20	85	34	29	54	44	38	23
40	34	75	140	121	63	240	208	50	340	295	38	440	382	25
5	4	34	15	13	03	25	21	72	35	30	41	45	39	09
50	43	44	150	130	31	250	217	19	350	304	06	450	390	94
6	5	21	16	13	90	26	22	59	36	31	28	46	39	96
60	52	13	160	139	00	260	225	88	360	312	75	460	399	63
7	6	08	17	14	77	27	23	46	37	32	14	47	40	83
70	60	81	170	147	69	270	234	56	370	321	44	470	408	31
8	6	95	18	15	64	28	24	33	38	33	01	48	41	70
80	69	50	180	156	38	280	243	25	380	330	13	480	417	00
9	7	82	19	16	51	29	25	19	39	33	88	49	42	57
90	78	19	190	165	06	290	251	94	390	338	81	490	425	69
10	8	69	20	17	38	30	26	06	40	34	75	50	43	44
100	86	88	200	173	75	300	260	63	400	347	50	500	434	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$35.00			87½ CENTS.									\$35.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		88	11	9	63	21	18	38	31	27	13	41	35	88
10	8	75	110	96	25	210	183	75	310	271	25	410	358	75
2	1	75	12	10	50	22	19	25	32	28	00	42	36	75
20	17	50	120	105	00	220	192	50	320	280	00	420	367	50
3	2	63	13	11	38	23	20	13	33	28	88	43	37	63
30	26	25	130	113	75	230	201	25	330	288	75	430	376	25
4	3	50	14	12	25	24	21	00	34	29	75	44	38	50
40	35	00	140	122	50	240	210	00	340	297	50	440	385	00
5	4	38	15	13	13	25	21	88	35	30	63	45	39	38
50	43	75	150	131	25	250	218	75	350	306	25	450	393	75
6	5	25	16	14	00	26	22	75	36	31	50	46	40	25
60	52	50	160	140	00	260	227	50	360	315	00	460	402	50
7	6	13	17	14	88	27	23	63	37	32	38	47	41	13
70	61	25	170	148	75	270	236	25	370	323	75	470	411	25
8	7	00	18	15	75	28	24	50	38	33	25	48	42	00
80	70	00	180	157	50	280	245	00	380	332	50	480	420	00
9	7	88	19	16	63	29	25	38	39	34	13	49	42	88
90	78	75	190	166	25	290	253	75	390	341	25	490	428	75
10	8	75	20	17	50	30	26	25	40	35	00	50	43	75
100	87	50	200	175	00	300	262	50	400	350	00	500	437	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$35.25			88½ CENTS.									\$35.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		88	11	9	69	21	18	51	31	27	32	41	36	13
10	8	81	110	96	94	210	185	06	310	273	19	410	361	31
2	1	76	12	10	58	22	19	39	32	28	20	42	37	01
20	17	63	120	105	75	220	193	88	320	282	00	420	370	13
3	2	64	13	11	46	23	20	27	33	29	08	43	37	89
30	26	44	130	114	56	230	202	69	330	290	81	430	378	94
4	3	53	14	12	34	24	21	15	34	29	96	44	38	78
40	35	25	140	123	38	240	211	50	340	299	63	440	387	75
5	4	41	15	13	22	25	22	03	35	30	84	45	39	66
50	44	06	150	132	19	250	220	31	350	308	44	450	396	56
6	5	29	16	14	10	26	22	91	36	31	73	46	40	54
60	52	88	160	141	00	260	229	13	360	317	25	460	405	38
7	6	17	17	14	98	27	23	79	37	32	61	47	41	42
70	61	69	170	149	81	270	237	94	370	326	06	470	414	19
8	7	05	18	15	86	28	24	68	38	33	49	48	42	30
80	70	50	180	158	63	280	246	75	380	334	88	480	423	00
9	7	93	19	16	74	29	25	56	39	34	37	49	43	18
90	79	31	190	167	44	290	255	56	390	343	69	490	431	81
10	8	81	20	17	63	30	26	44	40	35	25	50	44	06
100	88	13	200	176	25	300	264	38	400	352	50	500	440	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$35.50			88¾ CENTS.						\$35.50					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		89	11	9	76	21	18	64	31	27	51	41	36	39
10	8	88	110	97	63	210	186	38	310	275	13	410	363	88
2	1	78	12	10	65	22	19	53	32	28	40	42	37	28
20	17	75	120	106	50	220	195	25	320	284	00	420	372	75
3	2	66	13	11	54	23	20	41	33	29	29	43	38	16
30	26	63	130	115	38	230	204	13	330	292	88	430	381	63
4	3	55	14	12	43	24	21	30	34	30	18	44	39	05
40	35	50	140	124	25	240	213	00	340	301	75	440	390	50
5	4	44	15	13	31	25	22	19	35	31	06	45	39	94
50	44	38	150	133	13	250	221	88	350	310	63	450	399	38
6	5	33	16	14	20	26	23	08	36	31	95	46	40	83
60	53	25	160	142	00	260	230	75	360	319	50	460	408	25
7	6	21	17	15	09	27	23	96	37	32	84	47	41	71
70	62	13	170	150	88	270	239	63	370	328	38	470	417	13
8	7	10	18	15	98	28	24	85	38	33	73	48	42	60
80	71	00	180	159	75	280	248	50	380	337	25	480	426	00
9	7	99	19	16	86	29	25	74	39	34	61	49	43	49
90	79	88	190	168	63	290	257	38	390	346	13	490	434	88
10	8	88	20	17	75	30	26	63	40	35	50	50	44	38
100	88	75	200	177	50	300	266	25	400	355	00	500	443	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$35.75			89¾ CENTS.						\$35.75					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		89	11	9	83	21	18	77	31	27	71	41	36	64
10	8	94	110	98	31	210	187	69	310	277	06	410	366	44
2	1	79	12	10	75	22	19	66	32	28	60	42	37	54
20	17	88	120	107	25	220	196	63	320	286	00	420	375	38
3	2	68	13	11	62	23	20	56	33	29	49	43	38	43
30	26	81	130	116	19	230	205	56	330	294	94	430	384	31
4	3	58	14	12	51	24	21	45	34	30	39	44	39	33
40	35	75	140	125	13	240	214	50	340	303	88	440	393	25
5	4	47	15	13	41	25	22	34	35	31	28	45	40	22
50	44	69	150	134	06	250	223	44	350	312	81	450	402	19
6	5	36	16	14	30	26	23	24	36	32	18	46	41	11
60	53	63	160	143	00	260	232	38	360	321	75	460	411	13
7	6	26	17	15	19	27	24	13	37	33	07	47	42	01
70	62	56	170	151	94	270	241	31	370	330	69	470	420	06
8	7	15	18	16	09	28	25	03	38	33	96	48	42	90
80	71	50	180	160	88	280	250	25	380	339	63	480	429	00
9	8	04	19	16	98	29	25	92	39	34	86	49	43	79
90	80	44	190	169	81	290	259	19	390	348	56	490	437	94
10	8	94	20	17	88	30	26	81	40	35	75	50	44	69
100	89	38	200	178	75	300	268	13	400	357	50	500	446	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$36.00

90 CENTS.

\$36.00

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		90	11	9	90	21	18	90	31	27	90	41	36	90
10	9	00	110	99	00	210	189	00	310	279	00	410	369	00
2	1	80	12	10	80	22	19	80	32	28	80	42	37	80
20	18	00	120	108	00	220	198	00	320	288	00	420	378	00
3	2	70	13	11	70	23	20	70	33	29	70	43	38	70
30	27	00	130	117	00	230	207	00	330	297	00	430	387	00
4	3	60	14	12	60	24	21	60	34	30	60	44	39	60
40	36	00	140	126	00	240	216	00	340	306	00	440	396	00
5	4	50	15	13	50	25	22	50	35	31	50	45	40	50
50	45	00	150	135	00	250	225	00	350	315	00	450	405	00
6	5	40	16	14	40	26	23	40	36	32	40	46	41	40
60	54	00	160	144	00	260	234	00	360	324	00	460	414	00
7	6	30	17	15	30	27	24	30	37	33	30	47	42	30
70	63	00	170	153	00	270	243	00	370	333	00	470	423	00
8	7	20	18	16	20	28	25	20	38	34	20	48	43	20
80	72	00	180	162	00	280	252	00	380	342	00	480	432	00
9	8	10	19	17	10	29	26	10	39	35	10	49	44	10
90	81	00	190	171	00	290	261	00	390	351	00	490	441	00
10	9	00	20	18	00	30	27	00	40	36	00	50	45	00
100	90	00	200	180	00	300	270	00	400	360	00	500	450	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$36.25

90½ CENTS.

\$36.25

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		91	11	9	97	21	19	03	31	28	09	41	37	16
10	9	06	110	99	69	210	190	31	310	280	94	410	371	56
2	1	81	12	10	88	22	19	94	32	29	00	42	38	06
20	18	13	120	108	75	220	199	38	320	290	00	420	380	63
3	2	72	13	11	78	23	20	84	33	29	91	43	38	97
30	27	19	130	117	81	230	208	44	330	299	06	430	389	69
4	3	63	14	12	69	24	21	75	34	30	81	44	39	88
40	36	25	140	126	88	240	217	50	340	308	13	440	398	75
5	4	53	15	13	59	25	22	66	35	31	72	45	40	78
50	45	31	150	135	94	250	226	56	350	317	19	450	407	81
6	5	44	16	14	50	26	23	56	36	32	63	46	41	69
60	54	38	160	145	00	260	235	63	360	326	25	460	416	88
7	6	34	17	15	41	27	24	47	37	33	53	47	42	59
70	63	44	170	154	06	270	244	69	370	335	31	470	425	94
8	7	25	18	16	31	28	25	38	38	34	44	48	43	50
80	72	50	180	163	13	280	253	75	380	344	38	480	435	00
9	8	16	19	17	22	29	26	28	39	35	34	49	44	41
90	81	56	190	172	19	290	262	81	390	353	44	490	444	06
10	9	06	20	18	13	30	27	19	40	36	25	50	45	31
100	90	63	200	181	25	300	271	88	400	362	50	500	453	13

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$36.50			91¼ CENTS.			\$36.50								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		91	11	10	04	21	19	16	31	28	29	41	37	41
10	9	13	110	100	38	210	191	63	310	282	88	410	374	13
2	1	83	12	10	95	22	20	08	32	29	20	42	38	33
20	18	25	120	109	50	220	200	75	320	292	00	420	383	25
3	2	74	13	11	86	23	20	98	33	30	11	43	39	24
30	27	38	130	118	63	230	209	88	330	301	13	430	392	38
4	3	65	14	12	78	24	21	90	34	31	03	44	40	15
40	36	50	140	127	75	240	219	00	340	310	25	440	401	50
5	4	56	15	13	69	25	22	81	35	31	94	45	41	06
50	45	63	150	136	88	250	228	13	350	319	38	450	410	63
6	5	48	16	14	60	26	23	73	36	32	85	46	41	98
60	54	75	160	146	00	260	237	25	360	328	50	460	419	75
7	6	39	17	15	51	27	24	64	37	33	76	47	42	89
70	63	88	170	155	13	270	246	38	370	337	63	470	428	88
8	7	30	18	16	43	28	25	55	38	34	68	48	43	80
80	73	00	180	164	25	280	255	50	380	346	75	480	438	00
9	8	21	19	17	34	29	26	46	39	35	59	49	44	71
90	82	13	190	173	38	290	264	63	390	355	88	490	447	13
10	9	13	20	18	25	30	27	38	40	36	50	50	45	63
100	91	25	200	182	50	300	273	75	400	365	00	500	456	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$36.75			91½ CENTS.			\$36.75								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		92	11	10	11	21	19	29	31	28	48	41	37	67
10	9	19	110	101	06	210	192	94	310	284	81	410	376	69
2	1	84	12	11	03	22	20	21	32	29	40	42	38	59
20	18	38	120	110	25	220	202	13	320	294	00	420	385	88
3	2	76	13	11	94	23	21	13	33	30	32	43	39	51
30	27	56	130	119	44	230	211	31	330	303	19	430	395	06
4	3	68	14	12	86	24	22	05	34	31	24	44	40	43
40	36	75	140	128	63	240	220	50	340	312	38	440	404	25
5	4	59	15	13	78	25	22	97	35	32	16	45	41	34
50	45	94	150	137	81	250	229	69	350	321	56	450	413	44
6	5	51	16	14	70	26	23	89	36	33	08	46	42	26
60	55	13	160	147	00	260	238	88	360	330	75	460	422	63
7	6	43	17	15	62	27	24	81	37	33	99	47	43	18
70	64	31	170	156	19	270	248	06	370	339	94	470	431	81
8	7	35	18	16	54	28	25	73	38	34	91	48	44	10
80	73	50	180	165	38	280	257	25	380	349	13	480	441	00
9	8	27	19	17	46	29	26	64	39	35	83	49	45	02
90	82	69	190	174	56	290	266	44	390	358	31	490	450	19
10	9	19	20	18	38	30	27	56	40	36	75	50	45	94
100	91	88	200	183	75	300	275	63	400	367	50	500	459	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$37.00

92½ CENTS.

\$37.00

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		93	11	10	18	21	19	43	31	28	68	41	37	93
10	9	25	110	101	75	210	194	25	310	286	75	410	379	25
2	1	85	12	11	10	22	20	35	32	29	60	42	38	85
20	18	50	120	111	00	220	203	50	320	296	00	420	388	50
3	2	78	13	12	03	23	21	28	33	30	53	43	39	78
30	27	75	130	120	25	230	212	75	330	305	25	430	397	75
4	3	70	14	12	95	24	22	20	34	31	45	44	40	70
40	37	00	140	129	50	240	222	00	340	314	50	440	407	00
5	4	63	15	13	88	25	23	13	35	32	38	45	41	63
50	46	25	150	138	75	250	231	25	350	323	75	450	416	25
6	5	55	16	14	80	26	24	05	36	33	30	46	42	55
60	55	50	160	148	00	260	240	50	360	333	00	460	425	50
7	6	48	17	15	73	27	24	98	37	34	23	47	43	48
70	64	75	170	157	25	270	249	75	370	342	25	470	434	75
8	7	40	18	16	65	28	25	90	38	35	15	48	44	40
80	74	00	180	166	50	280	259	00	380	351	00	480	444	00
9	8	33	19	17	58	29	26	83	39	36	08	49	45	33
90	83	25	190	175	75	290	268	25	390	360	75	490	453	25
10	9	25	20	18	50	30	27	75	40	37	00	50	46	25
100	92	50	200	185	00	300	277	50	400	370	00	500	462	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$37.25

93½ CENTS.

\$37.25

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		93	11	10	24	21	19	56	31	28	87	41	38	18
10	9	31	110	102	44	210	195	56	310	288	69	410	381	81
2	1	86	12	11	18	22	20	49	32	29	80	42	39	11
20	18	63	120	111	75	220	204	88	320	298	00	420	391	13
3	2	79	13	12	11	23	21	42	33	30	73	43	40	04
30	27	94	130	121	06	230	214	19	330	307	31	430	400	44
4	3	73	14	13	04	24	22	35	34	31	66	44	40	98
40	37	25	140	130	38	240	223	50	340	316	63	440	409	75
5	4	66	15	13	97	25	23	28	35	32	59	45	41	91
50	46	56	150	139	69	250	232	81	350	325	94	450	419	06
6	5	59	16	14	90	26	24	21	36	33	53	46	42	84
60	55	88	160	149	00	260	242	13	360	335	25	460	428	38
7	6	52	17	15	83	27	25	14	37	34	46	47	43	77
70	65	19	170	158	31	270	251	44	370	344	56	470	437	69
8	7	45	18	16	76	28	26	08	38	35	39	48	44	70
80	74	50	180	167	63	280	260	75	380	353	88	480	447	00
9	8	38	19	17	69	29	27	01	39	36	32	49	45	63
90	83	81	190	176	94	290	270	06	390	363	19	490	456	31
10	9	31	20	18	63	30	27	94	40	37	25	50	46	56
100	93	13	200	186	25	300	279	38	400	372	50	500	465	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$37.50			93¾ CENTS.									\$37.50		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		94	11	10	31	21	19	69	31	29	06	41	38	44
10	9	38	110	103	13	210	196	88	310	290	63	410	384	38
2	1	88	12	11	25	22	20	63	32	30	00	42	39	38
20	18	75	120	112	50	220	206	25	320	300	00	420	393	75
3	2	81	13	12	19	23	21	56	33	30	94	43	40	31
30	28	13	130	121	88	230	215	63	330	309	37	430	403	13
4	3	75	14	13	13	24	22	50	34	31	88	44	41	25
40	37	50	140	131	25	240	225	00	340	318	75	440	412	50
5	4	69	15	14	06	25	23	44	35	32	81	45	42	19
50	46	88	150	140	63	250	234	38	350	328	13	450	421	88
6	5	63	16	15	00	26	24	38	36	33	75	46	43	13
60	50	25	160	150	00	260	243	75	360	337	50	460	431	25
7	6	56	17	15	94	27	25	31	37	34	69	47	44	06
70	65	63	170	159	38	270	253	13	370	346	88	470	440	63
8	7	50	18	16	88	28	26	25	38	35	63	48	45	00
80	75	00	180	168	75	280	262	50	380	356	25	480	450	00
9	8	44	19	17	81	29	27	19	39	36	56	49	45	94
90	84	38	190	178	13	290	271	88	390	365	63	490	459	38
10	9	38	20	18	75	30	28	13	40	37	50	50	46	88
100	93	75	200	187	50	300	281	25	400	375	00	500	468	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$37.75			94¾ CENTS.									\$37.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		94	11	10	38	21	19	82	31	29	26	41	38	69
10	9	44	110	103	81	210	198	19	310	292	56	410	386	94
2	1	89	12	11	33	22	20	76	32	30	20	42	39	64
20	18	88	120	113	25	220	207	63	320	302	00	420	396	38
3	2	83	13	12	27	23	21	71	33	31	14	43	40	58
30	28	31	130	122	69	230	217	06	330	311	44	430	405	81
4	3	78	14	13	21	24	22	55	34	32	09	44	41	53
40	37	75	140	132	13	240	226	50	340	320	88	440	415	25
5	4	72	15	14	16	25	23	59	35	33	03	45	42	47
50	47	19	150	141	56	250	235	94	350	330	31	450	424	69
6	5	66	16	15	10	26	24	54	36	33	98	46	43	41
60	56	63	160	151	00	260	245	38	360	339	75	460	434	13
7	6	61	17	16	04	27	25	48	37	34	92	47	44	36
70	66	06	170	160	44	270	254	81	370	349	19	470	443	56
8	7	55	18	16	99	28	26	43	38	35	86	48	45	30
80	75	50	180	169	88	280	264	25	380	358	63	480	453	00
9	8	49	19	17	93	29	27	37	39	36	81	49	46	24
90	84	94	190	179	31	290	273	69	390	368	06	490	462	44
10	9	44	20	18	88	30	28	31	40	37	75	50	47	19
100	94	38	200	188	75	300	283	13	400	377	50	500	471	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$38.00

95 CENTS.

\$38.00

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		95	11	1 0	45	21	1 9	95	31	2 9	45	41	3 8	95
10	9	50	110	10 4	50	210	1 9 9	50	310	2 9 4	50	410	3 8 9	50
2	1	90	12	1 1	40	22	2 0	90	32	3 0	40	42	3 9	90
20	1 9	00	120	11 4	00	220	2 0 9	00	320	3 0 4	00	420	3 9 9	00
3	2	85	13	1 2	35	23	2 1	85	33	3 1	35	43	4 0	85
30	2 8	50	130	12 3	50	230	2 1 8	50	330	3 1 3	50	430	4 0 8	50
4	3	80	14	1 3	30	24	2 2	80	34	3 2	30	44	4 1	80
40	3 8	00	140	13 3	00	240	2 2 8	00	340	3 2 3	00	440	4 1 8	00
5	4	75	15	1 4	25	25	2 3	75	35	3 3	25	45	4 2	75
50	4 7	50	150	14 2	50	250	2 3 7	50	350	3 3 2	50	450	4 2 7	50
6	5	70	16	1 5	20	26	2 4	70	36	3 4	20	46	4 3	70
60	5 7	00	160	15 2	00	260	2 4 7	00	360	3 4 2	00	460	4 3 7	00
7	6	65	17	1 6	15	27	2 5	65	37	3 5	15	47	4 4	65
70	6 6	50	170	16 1	50	270	2 5 6	50	370	3 5 1	50	470	4 4 6	50
8	7	60	18	1 7	10	28	2 6	60	38	3 6	10	48	4 5	60
80	7 6	00	180	17 1	00	280	2 6 6	00	380	3 6 1	00	480	4 5 6	00
9	8	55	19	1 8	05	29	2 7	55	39	3 7	05	49	4 6	55
90	8 5	50	190	18 0	50	290	2 7 5	50	390	3 7 0	50	490	4 6 5	50
10	9	50	20	1 9	00	30	2 8	50	40	3 8	00	50	4 7	50
100	9 5	00	200	19 0	00	300	2 8 5	00	400	3 8 0	00	500	4 7 5	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$38.25

95½ CENTS.

\$38.25

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		97	11	1 0	52	21	2 0	08	31	2 9	64	41	3 9	21
10	9	56	110	10 5	19	210	2 0 0	81	310	2 9 6	44	410	3 9 2	06
2	1	91	12	1 1	48	22	2 1	04	32	3 0	60	42	4 0	16
20	1 9	13	120	11 4	75	220	2 1 0	38	320	3 0 6	00	420	4 0 1	63
3	2	87	13	1 2	43	23	2 1	99	33	3 1	56	43	4 1	12
30	2 8	69	130	12 4	31	230	2 1 9	94	330	3 1 5	56	430	4 1 1	19
4	3	83	14	1 3	39	24	2 2	95	34	3 2	51	44	4 2	08
40	3 8	25	140	13 3	88	240	2 2 9	50	340	3 2 5	13	440	4 2 0	75
5	4	78	15	1 4	34	25	2 3	91	35	3 3	47	45	4 3	03
50	4 7	81	150	14 3	44	250	2 3 9	06	350	3 3 4	69	450	4 3 0	31
6	5	74	16	1 5	30	26	2 4	86	36	3 4	43	46	4 3	99
60	5 7	38	160	15 3	00	260	2 4 8	63	360	3 4 4	25	460	4 3 9	88
7	6	69	17	1 6	26	27	2 5	82	37	3 5	38	47	4 4	94
70	6 6	94	170	16 2	56	270	2 5 8	19	370	3 5 3	81	470	4 4 9	44
8	7	65	18	1 7	21	28	2 6	78	38	3 6	34	48	4 5	90
80	7 6	50	180	17 2	13	280	2 6 7	75	380	3 6 3	38	480	4 5 9	00
9	8	61	19	1 8	17	29	2 7	73	39	3 7	29	49	4 6	86
90	8 6	06	190	18 1	69	290	2 7 7	31	390	3 7 2	94	490	4 6 8	56
10	9	56	20	1 9	13	30	2 8	69	40	3 8	25	50	4 7	81
100	9 5	63	200	19 1	25	300	2 8 6	88	400	3 8 2	50	500	4 7 8	13

CUBIC FEET.

40 CUBIC FEET ONE TON

\$38.50			96¼ CENTS.									\$38.50		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		96	11	10	59	21	20	21	31	29	84	41	39	46
10	9	53	110	105	88	210	202	13	310	298	38	410	394	63
2	1	93	12	11	55	22	21	18	32	30	80	42	40	43
20	19	25	120	115	50	220	211	75	320	308	00	420	404	25
3	2	89	13	12	51	23	22	14	33	31	76	43	41	39
30	28	88	130	125	13	230	221	38	330	317	63	430	413	88
4	3	85	14	13	48	24	23	10	34	32	73	44	42	35
40	38	50	140	134	75	240	231	00	340	327	25	440	423	50
5	4	81	15	14	44	25	24	06	35	33	69	45	43	31
50	48	13	150	144	38	250	240	63	350	336	88	450	433	13
6	5	78	16	15	40	26	25	03	36	34	65	46	44	28
60	57	75	160	154	00	260	250	25	360	346	50	460	442	75
7	6	74	17	16	36	27	25	99	37	35	61	47	45	24
70	67	38	170	163	63	270	259	88	370	356	13	470	452	38
8	7	70	18	17	33	28	26	95	38	36	58	48	46	20
80	77	00	180	173	25	280	269	50	380	365	75	480	462	00
9	8	66	19	18	29	29	27	91	39	37	54	49	47	16
90	86	63	190	182	88	290	279	13	390	375	38	490	471	63
10	9	63	20	19	25	30	28	88	40	38	50	50	48	13
100	96	25	200	192	50	300	288	75	400	385	00	500	481	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$38.75			96½ CENTS.									\$38.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		97	11	10	66	21	20	34	31	30	03	41	39	72
10	9	69	110	106	56	210	203	44	310	300	31	410	397	19
2	1	94	12	11	63	22	21	31	32	31	00	42	40	69
20	19	38	120	116	25	220	213	13	320	310	00	420	406	88
3	2	91	13	12	59	23	22	28	33	31	97	43	41	66
30	29	06	130	125	94	230	222	81	330	319	69	430	416	56
4	3	88	14	13	56	24	23	25	34	32	94	44	42	63
40	38	75	140	135	63	240	232	50	340	329	38	440	426	25
5	4	84	15	14	53	25	24	22	35	33	91	45	43	59
50	48	44	150	145	31	250	242	19	350	339	06	450	435	94
6	5	81	16	15	50	26	25	19	36	34	88	46	44	56
60	58	13	160	155	00	260	251	88	360	348	75	460	445	63
7	6	78	17	16	47	27	26	16	37	35	84	47	45	53
70	67	81	170	164	69	270	261	56	370	358	44	470	455	31
8	7	75	18	17	44	28	27	13	38	36	81	48	46	50
80	77	50	180	174	38	280	271	25	380	368	13	480	465	00
9	8	72	19	18	41	29	28	09	39	37	78	49	47	47
90	87	19	190	184	06	290	280	94	390	377	81	490	474	69
10	9	69	20	19	38	30	29	06	40	38	75	50	48	44
100	96	88	200	193	75	300	290	63	400	387	50	500	484	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$39.00			97½ CENTS.									\$39.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		98	11	10	73	21	20	48	31	30	23	41	39	98
10	9	75	110	107	25	210	204	75	310	302	25	410	399	75
2	1	95	12	11	70	22	21	45	32	31	20	42	40	95
20	19	50	120	117	00	220	214	50	320	312	00	420	409	50
3	2	93	13	12	68	23	22	43	33	32	18	43	41	93
30	29	25	130	126	75	230	224	25	330	321	75	430	419	25
4	3	90	14	13	65	24	23	40	34	33	15	44	42	90
40	39	00	140	136	50	240	234	00	340	331	50	440	429	00
5	4	88	15	14	62	25	24	38	35	34	13	45	43	88
50	48	75	150	146	25	250	243	75	350	341	25	450	438	75
6	5	85	16	15	60	26	25	35	36	35	10	46	44	85
60	58	50	160	156	00	260	253	50	360	351	00	460	448	50
7	6	83	17	16	58	27	26	33	37	36	08	47	45	83
70	68	25	170	165	75	270	263	25	370	360	75	470	458	25
8	7	80	18	17	55	28	27	30	38	37	05	48	46	80
80	78	00	180	175	50	280	273	00	380	370	50	480	468	00
9	8	78	19	18	53	29	28	28	39	38	03	49	47	78
90	87	75	190	185	25	290	282	75	390	380	25	490	477	75
10	9	75	20	19	50	30	29	25	40	39	00	50	48	75
100	97	50	200	195	00	300	292	50	400	390	00	500	487	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$39.25			98½ CENTS.									\$39.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		98	11	10	79	21	20	61	31	30	42	41	40	23
10	9	81	110	107	94	210	206	06	310	304	19	410	402	31
2	1	96	12	11	78	22	21	59	32	31	40	42	41	21
20	19	63	120	117	75	220	215	88	320	314	00	420	412	13
3	2	94	13	12	77	23	22	57	33	32	38	43	42	19
30	29	44	130	127	56	230	225	69	330	323	81	430	421	94
4	3	93	14	13	74	24	23	55	34	33	36	44	43	18
40	39	25	140	137	38	240	235	50	340	333	63	440	431	75
5	4	91	15	14	72	25	24	53	35	34	34	45	44	16
50	49	06	150	147	19	250	245	31	350	343	44	450	441	56
6	5	89	16	15	70	26	25	51	36	35	33	46	45	14
60	58	88	160	157	00	260	255	13	360	353	25	460	451	38
7	6	87	17	16	68	27	26	49	37	36	31	47	46	12
70	68	69	170	166	81	270	264	94	370	363	06	470	461	19
8	7	85	18	17	66	28	27	48	38	37	29	48	47	10
80	78	50	180	176	63	280	274	75	380	372	88	480	471	00
9	8	83	19	18	64	29	28	46	39	38	27	49	48	08
90	88	31	190	186	44	290	284	56	390	382	69	490	480	81
10	9	81	20	19	63	30	29	44	40	39	25	50	49	06
100	98	13	200	196	25	300	294	38	400	392	50	500	490	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$39.50

98¾ CENTS.

\$39.50

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		99	11	1 0	86	21	2 0	74	31	3 0	61	41	4 0	49
10	9	88	110	1 08	63	210	2 07	38	310	3 06	13	410	4 04	88
2	1	98	12	1 1	85	22	2 1	73	32	3 1	60	42	4 1	48
20	19	75	120	1 18	50	220	2 17	25	320	3 16	00	420	4 14	75
3	2	96	13	1 2	84	23	2 2	71	33	3 2	59	43	4 2	46
30	29	63	130	1 28	38	230	2 27	13	330	3 25	88	430	4 24	63
4	3	95	14	1 3	83	24	2 3	70	34	3 3	58	44	4 3	45
40	39	50	140	1 38	25	240	2 37	00	340	3 35	75	440	4 34	50
5	4	94	15	1 4	81	25	2 4	69	35	3 4	56	45	4 4	44
50	49	38	150	1 48	13	250	2 46	88	350	3 45	63	450	4 44	38
6	5	93	16	1 5	80	26	2 5	68	36	3 5	55	46	4 5	43
60	59	25	160	1 58	00	260	2 56	75	360	3 55	50	460	4 54	25
7	6	91	17	1 6	79	27	2 6	66	37	3 6	54	47	4 6	41
70	69	13	170	1 67	88	270	2 66	63	370	3 65	38	470	4 64	13
8	7	90	18	1 7	78	28	2 7	65	38	3 7	53	48	4 7	40
80	79	00	180	1 77	75	280	2 76	50	380	3 75	25	480	4 74	00
9	8	89	19	1 8	76	29	2 8	64	39	3 8	51	49	4 8	39
90	88	88	190	1 87	63	290	2 86	38	390	3 85	13	490	4 83	88
10	9	88	20	1 9	75	30	2 9	63	40	3 9	50	50	4 9	38
100	98	75	200	1 97	50	300	2 96	25	400	3 95	00	500	4 93	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$39.75

99¾ CENTS.

\$39.75

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1		99	11	1 0	93	21	2 0	87	31	3 0	81	41	4 0	74
10	9	94	110	1 09	31	210	2 08	69	310	3 08	06	410	4 07	44
2	1	99	12	1 1	93	22	2 1	86	32	3 1	80	42	4 1	74
20	19	88	120	1 19	25	220	2 18	63	320	3 18	00	420	4 17	38
3	2	93	13	1 2	92	23	2 2	87	33	3 2	79	43	4 2	73
30	29	81	130	1 29	19	230	2 28	56	330	3 27	94	430	4 27	31
4	3	98	14	1 3	91	24	2 3	85	34	3 3	79	44	4 3	73
40	39	75	140	1 39	13	240	2 38	50	340	3 37	88	440	4 37	25
5	4	97	15	1 4	91	25	2 4	84	35	3 4	78	45	4 4	72
50	49	69	150	1 49	06	250	2 48	44	350	3 47	81	450	4 47	19
6	5	96	16	1 5	90	26	2 5	84	36	3 5	78	46	4 5	71
60	59	63	160	1 59	00	260	2 58	38	360	3 57	75	460	4 57	13
7	6	96	17	1 6	89	27	2 6	83	37	3 6	77	47	4 6	71
70	69	56	170	1 68	94	270	2 68	31	370	3 67	69	470	4 67	06
8	7	95	18	1 7	89	28	2 7	83	38	3 7	76	48	4 7	70
80	79	50	180	1 78	88	280	2 78	25	380	3 77	63	480	4 77	00
9	8	94	19	1 8	88	29	2 8	82	39	3 8	76	49	4 8	69
90	89	44	190	1 88	81	290	2 88	19	390	3 87	56	490	4 86	94
10	9	94	20	1 9	88	30	2 9	81	40	3 9	75	50	4 9	69
100	99	38	200	1 98	75	300	2 98	13	400	3 97	50	500	4 96	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$40.00			\$1.00			\$40.00								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	00	11	11	00	21	21	00	31	31	00	41	41	00
10	10	00	110	110	00	210	210	00	310	310	00	410	410	00
2	2	00	12	12	00	22	22	00	32	32	00	42	42	00
20	20	00	120	120	00	220	220	00	320	320	00	420	420	00
3	3	00	13	13	00	23	23	00	33	33	00	43	43	00
30	30	00	130	130	00	230	230	00	330	330	00	430	430	00
4	4	00	14	14	00	24	24	00	34	34	00	44	44	00
40	40	00	140	140	00	240	240	00	340	340	00	440	440	00
5	5	00	15	15	00	25	25	00	35	35	00	45	45	00
50	50	00	150	150	00	250	250	00	350	350	00	450	450	00
6	6	00	16	16	00	26	26	00	36	36	00	46	46	00
60	60	00	160	160	00	260	260	00	360	360	00	460	460	00
7	7	00	17	17	00	27	27	00	37	37	00	47	47	00
70	70	00	170	170	00	270	270	00	370	370	00	470	470	00
8	8	00	18	18	00	28	28	00	38	38	00	48	48	00
80	80	00	180	180	00	280	280	00	380	380	00	480	480	00
9	9	00	19	19	00	29	29	00	39	39	00	49	49	00
90	90	00	190	190	00	290	290	00	390	390	00	490	490	00
10	10	00	20	20	00	30	30	00	40	40	00	50	50	00
100	100	00	200	200	00	300	300	00	400	400	00	500	500	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$40.25			\$1.00½			\$40.25								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	01	11	11	07	21	21	13	31	31	19	41	41	26
10	10	06	110	110	69	210	210	31	310	310	94	410	410	56
2	2	01	12	12	08	22	22	14	32	32	20	42	42	26
20	20	13	120	120	75	220	220	38	320	320	00	420	420	63
3	3	02	13	13	08	23	23	14	33	33	21	43	43	27
30	30	19	130	130	81	230	230	44	330	330	06	430	430	69
4	4	03	14	14	09	24	24	15	34	34	21	44	44	28
40	40	25	140	140	88	240	240	50	340	340	13	440	440	75
5	5	03	15	15	09	25	25	16	35	35	22	45	45	28
50	50	31	150	150	94	250	250	56	350	350	19	450	450	81
6	6	04	16	16	10	26	26	16	36	36	23	46	46	29
60	60	38	160	160	00	260	260	63	360	360	25	460	460	88
7	7	04	17	17	11	27	27	17	37	37	23	47	47	29
70	70	44	170	170	06	270	270	69	370	370	31	470	470	94
8	8	05	18	18	11	28	28	18	38	38	24	48	48	30
80	80	50	180	180	13	280	280	75	380	380	38	480	480	00
9	9	06	19	19	12	29	29	18	39	39	24	49	49	31
90	90	56	190	190	19	290	290	81	390	390	44	490	490	06
10	10	06	20	20	13	30	30	19	40	40	25	50	50	31
100	100	63	200	200	25	300	300	88	400	400	50	500	500	13

CUBIC FEET.

40 CUBIC FEET ONE TON

\$40.50			\$1.01¼			\$40.50								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	01	11	11	14	21	21	26	31	31	39	41	41	51
10	10	13	110	111	38	210	212	63	310	313	88	410	415	13
2	2	03	12	12	15	22	22	28	32	32	40	42	42	53
20	20	25	120	121	50	220	222	75	320	324	00	420	425	25
3	3	04	13	13	16	23	23	29	33	33	41	43	43	54
30	30	38	130	131	63	230	232	88	330	334	13	430	435	38
4	4	05	14	14	18	24	24	30	34	34	43	44	44	55
40	40	50	140	141	75	240	243	00	340	344	25	440	445	50
5	5	06	15	15	19	25	25	31	35	35	44	45	45	56
50	50	63	150	151	88	250	253	13	350	354	38	450	455	63
6	6	08	16	16	20	26	26	33	36	36	45	46	46	58
60	60	75	160	162	00	260	263	25	360	364	50	460	465	75
7	7	09	17	17	21	27	27	34	37	37	46	47	47	59
70	70	88	170	172	13	270	273	38	370	374	63	470	475	88
8	8	10	18	18	23	28	28	35	38	38	48	48	48	60
80	81	00	180	182	25	280	283	50	380	384	75	480	486	00
9	9	11	19	19	24	29	29	36	39	39	46	49	49	61
90	91	13	190	192	38	290	293	63	390	394	88	490	496	13
10	10	13	20	20	25	30	30	38	40	40	50	50	50	63
100	101	25	200	202	50	300	303	75	400	405	00	500	506	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$40.75						\$1.01½						\$40.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	02	11	11	21	21	21	39	31	31	58	41	41	79
10	10	19	110	112	06	210	213	94	310	315	81	410	417	69
2	2	04	12	12	23	22	22	41	32	32	60	42	42	79
20	20	38	120	122	25	220	224	13	320	326	00	420	427	88
3	3	06	13	13	24	23	23	43	33	33	62	43	43	81
30	30	56	130	132	44	230	234	31	330	336	19	430	438	06
4	4	08	14	14	26	24	24	45	34	34	64	44	44	83
40	40	75	140	142	63	240	244	50	340	346	38	440	448	25
5	5	09	15	15	28	25	25	47	35	35	66	45	45	84
50	50	94	150	152	81	250	254	69	350	356	56	450	458	44
6	6	11	16	16	30	26	26	49	36	36	68	46	46	86
60	61	13	160	163	00	260	264	88	360	366	75	460	468	63
7	7	13	17	17	32	27	27	51	37	37	69	47	47	88
70	71	31	170	173	19	270	275	06	370	375	94	470	478	81
8	8	15	18	18	34	28	28	53	38	38	71	48	48	90
80	81	50	180	183	38	280	285	25	380	387	13	480	489	00
9	9	17	19	19	36	29	29	54	39	39	73	49	49	92
90	91	69	190	193	56	290	295	44	390	397	31	490	499	19
10	10	19	20	20	38	30	30	56	40	40	75	50	50	94
100	101	88	200	203	75	300	305	63	400	407	50	500	509	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$41.00			\$1.02½			\$41.00								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	03	11	11	28	21	21	53	31	31	78	41	42	03
10	10	25	110	112	75	210	215	25	310	317	75	410	420	25
2	2	05	12	12	30	22	22	55	32	32	80	42	43	05
20	20	50	120	123	00	220	225	50	320	328	00	420	430	50
3	3	08	13	13	33	23	23	58	33	33	83	43	44	08
30	30	75	130	133	25	230	235	75	330	338	25	430	440	75
4	4	10	14	14	35	24	24	60	34	34	85	44	45	10
40	40	00	140	143	50	240	246	00	340	348	50	440	451	00
5	5	13	15	15	38	25	25	63	35	35	88	45	46	13
50	50	25	150	153	75	250	256	25	350	358	75	450	461	25
6	6	15	16	16	40	26	26	65	36	36	90	46	47	15
60	60	50	160	164	00	260	266	50	360	369	00	460	471	50
7	7	18	17	17	43	27	27	68	37	37	93	47	48	18
70	70	75	170	174	25	270	276	75	370	379	25	470	481	75
8	8	20	18	18	45	28	28	70	38	38	95	48	49	20
80	80	00	180	184	50	280	287	00	380	389	50	480	492	00
9	9	23	19	19	48	29	29	73	39	39	98	49	50	23
90	90	25	190	194	75	290	297	25	390	399	75	490	502	25
10	10	25	20	20	50	30	30	75	40	40	00	50	51	25
100	102	50	200	205	00	300	307	50	400	410	00	500	512	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$41.25						\$1.03½						\$41.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	03	11	11	34	21	21	66	31	31	97	41	42	28
10	10	31	110	113	44	210	216	56	310	319	69	410	422	31
2	2	06	12	12	38	22	22	69	32	33	00	42	43	31
20	20	63	120	123	75	220	226	88	320	330	00	420	433	13
3	3	09	13	13	41	23	23	72	33	34	03	43	44	34
30	30	94	130	134	06	230	237	19	330	340	31	430	443	44
4	4	13	14	14	44	24	24	75	34	35	06	44	45	38
40	40	25	140	144	38	240	247	50	340	350	63	440	453	75
5	5	16	15	15	47	25	25	78	35	36	09	45	46	41
50	50	55	150	154	69	250	257	31	350	360	94	450	464	06
6	6	19	16	16	50	26	26	81	36	37	13	46	47	44
60	60	88	160	165	00	260	268	13	360	371	25	460	474	38
7	7	22	17	17	53	27	27	84	37	38	16	47	48	47
70	70	19	170	175	31	270	278	44	370	381	56	470	484	69
8	8	25	18	18	56	28	28	88	38	39	19	48	49	50
80	80	50	180	185	63	280	288	75	380	391	88	480	495	00
9	9	28	19	19	59	29	29	91	39	40	22	49	50	53
90	90	81	190	195	94	290	299	06	390	402	19	490	505	31
10	10	31	20	20	63	30	30	94	40	41	25	50	51	56
100	103	13	200	206	25	300	309	38	400	412	50	500	515	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$41.50			\$1.03¾						\$41.50					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	04	11	11	41	21	21	79	31	32	16	41	42	54
10	10	38	110	114	13	210	217	83	310	321	63	410	425	38
2	2	08	12	12	45	22	22	83	32	33	20	42	43	58
20	20	75	120	124	50	220	228	25	320	332	00	420	435	75
3	3	11	13	13	49	23	23	86	33	34	24	43	44	61
30	31	13	130	134	88	230	238	63	330	342	38	430	446	13
4	4	15	14	14	53	24	24	90	34	35	28	44	45	65
40	41	50	140	145	25	240	249	00	340	352	75	440	456	50
5	5	19	15	15	56	25	25	94	35	36	31	45	46	69
50	51	88	150	155	63	250	259	38	350	363	13	450	466	88
6	6	23	16	16	60	26	26	98	36	37	35	46	47	73
60	62	25	160	166	00	260	269	75	360	373	50	460	477	25
7	7	26	17	17	64	27	28	01	37	38	39	47	48	76
70	72	63	170	176	38	270	280	13	370	383	88	470	487	63
8	8	30	18	18	68	28	29	05	38	39	43	48	49	80
80	83	00	180	186	75	280	290	50	380	394	25	480	498	00
9	9	34	19	19	71	29	30	09	39	40	46	49	50	84
90	93	38	190	197	13	290	300	88	390	404	63	490	508	38
10	10	38	20	20	75	30	31	13	40	41	50	50	51	88
100	103	75	200	207	50	300	311	25	400	415	00	500	518	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$41.75			\$1.04¾						\$41.75					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	04	11	11	48	21	21	92	31	32	36	41	42	79
10	10	44	110	114	81	210	219	19	310	323	56	410	427	94
2	2	09	12	12	53	22	22	96	32	33	40	42	43	84
20	20	88	120	125	25	220	229	63	320	334	00	420	438	38
3	3	13	13	13	57	23	24	01	33	34	44	43	44	88
30	31	31	130	135	69	230	240	06	330	344	44	430	448	81
4	4	18	14	14	61	24	25	05	34	35	49	44	45	93
40	41	75	140	146	13	240	250	50	340	354	88	440	459	25
5	5	22	15	15	66	25	26	09	35	36	53	45	46	97
50	52	19	150	156	56	250	260	94	350	365	31	450	469	69
6	6	26	16	16	70	26	27	14	36	37	58	46	48	01
60	62	63	160	167	00	260	271	38	360	375	75	460	480	13
7	7	31	17	17	74	27	28	18	37	38	62	47	49	06
70	73	06	170	177	44	270	281	81	370	386	19	470	490	56
8	8	35	18	18	79	28	29	23	38	39	66	48	50	10
80	83	50	180	187	88	280	292	25	380	396	63	480	501	00
9	9	39	19	19	83	29	30	27	39	40	71	49	51	14
90	93	94	190	198	31	290	302	69	390	407	06	490	511	44
10	10	44	20	20	88	30	31	31	40	41	75	50	52	19
100	104	38	200	208	75	300	313	13	400	417	50	500	521	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$42.00						\$1.05						\$42.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	05	11	11	55	21	22	05	31	32	55	41	43	05
10	10	50	110	115	50	210	220	50	310	325	50	410	430	50
2	2	10	12	12	60	22	23	10	32	33	60	42	44	10
20	21	00	120	126	00	220	231	00	320	336	00	420	441	00
3	3	15	13	13	65	23	24	15	33	34	65	43	45	15
30	31	50	130	136	50	230	241	50	330	346	50	430	451	50
4	4	20	14	14	70	24	25	20	34	35	70	44	46	20
40	42	00	140	147	00	240	252	00	340	357	00	440	462	00
5	5	25	15	15	75	25	26	25	35	36	75	45	47	25
50	52	50	150	157	50	250	262	50	350	367	50	450	472	50
6	6	30	16	16	80	26	27	30	36	37	80	46	48	30
60	63	00	160	168	00	260	273	00	360	378	00	460	483	00
7	7	35	17	17	85	27	28	35	37	38	85	47	49	35
70	73	50	170	178	50	270	283	50	370	388	50	470	493	50
8	8	40	18	18	90	28	29	40	38	39	90	48	50	40
80	84	00	180	189	00	280	294	00	380	399	00	480	504	00
9	9	45	19	19	95	29	30	45	39	40	95	49	51	45
90	94	50	190	199	50	290	304	50	390	409	50	490	514	50
10	10	50	20	21	00	30	31	50	40	42	00	50	52	50
100	105	00	200	210	00	300	315	00	400	420	00	500	525	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$42.25						\$1.05½						\$42.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	06	11	11	62	21	22	18	31	32	74	41	43	31
10	10	56	110	116	19	210	221	81	310	327	44	410	433	06
2	2	11	12	12	68	22	23	24	32	33	80	42	44	36
20	21	13	120	126	75	220	232	38	320	338	00	420	443	63
3	3	17	13	13	73	23	24	29	33	34	86	43	45	42
30	31	69	130	137	31	230	242	94	330	348	56	430	454	19
4	4	23	14	14	79	24	25	35	34	35	91	44	46	48
40	42	25	140	147	88	240	253	50	340	359	13	440	464	75
5	5	28	15	15	84	25	26	41	35	36	97	45	47	53
50	52	81	150	158	44	250	264	06	350	369	69	450	475	31
6	6	34	16	16	90	26	27	46	36	38	03	46	48	59
60	63	38	160	169	00	260	274	63	360	380	25	460	485	88
7	7	39	17	17	96	27	28	52	37	39	08	47	49	64
70	73	94	170	179	56	270	285	19	370	390	81	470	496	44
8	8	45	18	19	01	28	29	58	38	40	14	48	50	70
80	84	50	180	190	13	280	295	75	380	401	38	480	507	00
9	9	51	19	20	07	29	30	63	39	41	19	49	51	76
90	95	06	190	200	69	290	306	31	390	411	94	490	517	51
10	10	56	20	21	13	30	31	69	40	42	25	50	52	81
100	105	63	200	211	25	300	316	88	400	422	50	500	528	13

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$42.50						\$1.06¼						\$42.50		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	06	11	11	69	21	22	31	31	32	94	41	43	56
10	10	63	110	116	88	210	223	13	310	329	38	410	435	63
2	2	13	12	12	75	22	23	38	32	34	00	42	44	63
20	21	25	120	127	50	220	233	75	320	340	00	420	446	25
3	3	19	13	13	81	23	24	44	33	35	06	43	45	69
30	31	88	130	138	13	230	244	38	330	350	63	430	456	88
4	4	25	14	14	88	24	25	50	34	36	13	44	46	75
40	42	50	140	148	75	240	255	00	340	361	25	440	467	50
5	5	31	15	15	94	25	26	56	35	37	19	45	47	81
50	53	13	150	159	38	250	265	63	350	371	88	450	478	13
6	6	38	16	17	10	26	27	63	36	38	25	46	48	88
60	63	75	160	170	00	260	276	25	360	382	50	460	488	75
7	7	44	17	18	06	27	28	69	37	39	31	47	49	94
70	74	38	170	180	63	270	286	88	370	393	13	470	499	38
8	8	50	18	19	13	28	29	75	38	40	38	48	51	00
80	85	00	180	191	25	280	297	50	380	403	75	480	510	00
9	9	56	19	20	19	29	30	81	39	41	44	49	52	06
90	95	63	190	201	88	290	308	13	390	414	38	490	520	63
10	10	63	20	21	25	30	31	88	40	42	50	50	53	13
100	106	25	200	212	50	300	318	75	400	425	00	500	531	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$42.75						\$1.06 7/8						\$42.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	07	11	11	76	21	22	44	31	33	13	41	43	82
10	10	69	110	117	56	210	224	44	310	331	31	410	438	19
2	2	14	12	12	83	22	23	51	32	34	20	42	44	89
20	21	38	120	128	25	220	235	13	320	342	00	420	448	88
3	3	21	13	13	89	23	24	58	33	35	27	43	45	96
30	32	06	130	138	94	230	245	81	330	352	69	430	459	56
4	4	28	14	14	96	24	25	65	34	36	34	44	47	03
40	42	75	140	149	63	240	256	50	340	363	38	440	470	25
5	5	34	15	16	03	25	26	72	35	37	41	45	48	09
50	53	44	150	160	31	250	267	19	350	374	06	450	480	94
6	6	41	16	17	10	26	27	79	36	38	48	46	49	16
60	64	13	160	171	00	260	277	88	360	384	75	460	491	63
7	7	48	17	18	17	27	28	86	37	39	54	47	50	23
70	74	81	170	181	69	270	288	56	370	395	44	470	502	31
8	8	55	18	19	24	28	29	93	38	40	61	48	51	30
80	85	50	180	192	38	280	299	25	380	406	13	480	513	00
9	9	52	19	20	31	29	30	99	39	41	68	49	52	37
90	96	19	190	203	06	290	309	94	390	416	81	490	523	69
10	10	69	20	21	38	30	32	06	40	42	75	50	53	44
100	106	88	200	213	75	300	320	63	400	427	50	500	534	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$43.00						\$1.07½						\$43.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	08	11	11	83	21	22	58	31	33	33	41	44	08
10	10	75	110	118	25	210	225	75	310	333	25	410	440	75
2	2	15	12	12	90	22	23	65	32	34	40	42	45	15
20	21	50	120	129	00	220	236	50	320	344	00	420	451	50
3	3	23	13	13	98	23	24	73	33	35	48	43	46	23
30	32	25	130	139	75	230	247	25	330	354	75	430	462	25
4	4	30	14	15	05	24	25	80	34	36	55	44	47	30
40	43	00	140	150	50	240	258	00	340	365	50	440	473	00
5	5	38	15	16	13	25	26	88	35	37	63	45	48	38
50	53	75	150	161	25	250	268	75	350	376	25	450	483	75
6	6	45	16	17	20	26	27	95	36	38	70	46	49	45
60	64	50	160	172	00	260	279	50	360	387	00	460	494	50
7	7	53	17	18	28	27	29	03	37	39	78	47	50	53
70	75	25	170	182	75	270	290	25	370	397	75	470	505	25
8	8	60	18	19	35	28	30	10	38	40	85	48	51	60
80	86	00	180	193	50	280	301	00	380	408	50	480	516	00
9	9	68	19	20	43	29	31	18	39	41	93	49	52	68
90	96	75	190	204	25	290	311	75	390	419	25	490	526	75
10	10	75	20	21	50	30	32	25	40	43	00	50	53	75
100	107	50	200	215	00	300	322	50	400	430	00	500	537	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$43.25			\$1.08½			\$43.25								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	08	11	11	89	21	22	71	31	33	52	41	44	33
10	10	81	110	118	94	210	227	06	310	335	19	410	443	31
2	2	16	12	12	98	22	23	79	32	34	60	42	45	41
20	21	63	120	129	75	220	237	88	320	346	00	420	454	13
3	3	24	13	14	06	23	24	87	33	35	68	43	46	49
30	32	44	130	140	56	230	248	69	330	356	81	430	464	94
4	4	33	14	15	14	24	25	95	34	36	76	44	47	58
40	43	25	140	151	38	240	259	50	340	367	63	440	475	75
5	5	41	15	16	22	25	27	03	35	37	84	45	48	66
50	54	06	150	162	19	250	270	31	350	378	44	450	486	56
6	6	49	16	17	30	26	28	11	36	38	93	46	49	74
60	64	88	160	173	00	260	281	13	360	389	25	460	497	38
7	7	57	17	18	38	27	29	19	37	40	01	47	50	82
70	75	69	170	183	81	270	291	94	370	400	06	470	508	19
8	8	65	18	19	46	28	30	28	38	41	09	48	51	90
80	86	50	180	194	63	280	302	75	380	410	88	480	519	00
9	9	73	19	20	54	29	31	36	39	42	17	49	52	98
90	97	31	190	205	44	290	313	56	390	421	69	490	529	81
10	10	81	20	21	63	30	32	44	40	43	25	50	54	06
100	108	13	200	216	25	300	324	38	400	432	50	500	540	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$43.50			\$1.08¾			\$43.50								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	09	11	11	96	21	22	84	31	33	71	41	44	59
10	10	88	110	119	63	210	228	38	310	337	13	410	445	88
2	2	18	12	13	05	22	23	93	32	34	80	42	45	68
20	21	75	120	130	50	220	239	25	320	348	00	420	456	75
3	3	26	13	14	14	23	25	01	33	35	89	43	46	76
30	32	63	130	141	38	230	250	13	330	358	88	430	467	63
4	4	35	14	15	23	24	26	10	34	36	98	44	47	85
40	43	50	140	152	25	240	261	00	340	369	75	440	478	50
5	5	44	15	16	31	25	27	19	35	38	06	45	48	94
50	54	38	150	163	13	250	271	88	350	380	63	450	489	38
6	6	53	16	17	40	26	28	29	36	39	15	46	50	03
60	65	25	160	174	00	260	282	75	360	391	50	460	500	25
7	7	61	17	18	49	27	29	36	37	40	24	47	51	11
70	76	13	170	184	88	270	293	63	370	402	38	470	511	13
8	8	70	18	19	58	28	30	45	38	41	33	48	52	20
80	87	00	180	195	75	280	304	50	380	413	25	480	522	00
9	8	79	19	20	66	29	31	54	39	42	41	49	53	29
90	87	88	190	206	63	290	315	38	390	424	13	490	532	88
10	10	88	20	21	75	30	32	63	40	43	50	50	54	38
100	108	75	200	217	50	300	326	25	400	435	00	500	543	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$43.75						\$1.09¾						\$43.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	09	11	12	03	21	22	97	31	33	91	41	44	84
10	10	94	110	120	31	210	229	69	310	339	06	410	448	44
2	2	19	12	13	13	22	24	06	32	35	00	42	45	94
20	21	88	120	131	25	220	240	63	320	350	00	420	459	38
3	3	28	13	14	22	23	25	16	33	36	09	43	47	03
30	32	81	130	142	19	230	251	56	330	360	94	430	470	31
4	4	38	14	15	31	24	26	25	34	37	19	44	48	13
40	43	75	140	153	13	240	262	50	340	371	85	440	481	25
5	5	47	15	16	41	25	27	34	35	38	28	45	49	22
50	54	69	150	164	06	250	273	44	350	382	81	450	492	19
6	6	56	16	17	50	26	28	44	36	39	38	46	50	31
60	65	63	160	175	00	260	284	38	360	393	75	460	503	13
7	7	66	17	18	59	27	29	53	37	40	47	47	51	41
70	76	56	170	185	94	270	295	31	370	404	69	470	514	06
8	8	75	18	19	69	28	30	63	38	41	56	48	52	50
80	87	50	180	196	88	280	306	25	380	415	63	480	525	00
9	9	84	19	20	78	29	31	72	39	42	66	49	53	59
90	93	44	190	207	81	290	317	19	390	426	56	490	535	94
10	10	94	20	21	88	30	32	81	40	43	75	50	54	69
100	109	38	200	218	75	300	328	13	400	437	50	500	546	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$44.00			\$1.10			\$44.00								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	10	11	12	10	21	23	10	31	34	10	41	45	10
10	11	00	110	121	00	210	231	00	310	341	00	410	451	00
2	2	20	12	13	20	22	24	20	32	35	20	42	46	20
20	22	00	120	132	00	220	242	00	320	352	00	420	462	00
3	3	30	13	14	30	23	25	30	33	36	30	43	47	30
30	33	00	130	143	00	230	253	00	330	363	00	430	473	00
4	4	40	14	15	40	24	26	40	34	37	40	44	48	40
40	44	00	140	154	00	240	264	00	340	374	00	440	484	00
5	5	50	15	16	50	25	27	50	35	38	50	45	49	50
50	55	00	150	165	00	250	275	00	350	385	00	450	495	00
6	6	60	16	17	60	26	28	60	36	39	60	46	50	60
60	66	00	160	176	00	260	286	00	360	396	00	460	506	00
7	7	70	17	18	70	27	29	70	37	40	70	47	51	70
70	77	00	170	187	00	270	297	00	370	407	00	470	517	00
8	8	80	18	19	80	28	30	80	38	41	80	48	52	80
80	88	00	180	198	00	280	308	00	380	418	00	480	528	00
9	9	90	19	20	90	29	31	90	39	42	90	49	53	90
90	99	00	190	209	00	290	319	00	390	429	00	490	539	00
10	11	00	20	22	00	30	33	00	40	44	00	50	55	00
100	110	00	200	220	00	300	330	00	400	440	00	500	550	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$44.25						\$1.10½						\$44.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	11	11	12	17	21	23	23	31	34	29	41	45	36
10	11	06	110	121	69	210	232	31	310	342	94	410	453	56
2	2	21	12	13	28	22	24	34	32	35	40	42	46	46
20	22	13	120	132	75	220	243	38	320	354	00	420	464	63
3	3	32	13	14	38	23	25	44	33	36	51	43	47	57
30	33	19	130	143	81	230	254	44	330	365	06	430	475	69
4	4	43	14	15	49	24	26	55	34	37	61	44	48	68
40	44	25	140	154	88	240	265	50	340	376	13	440	486	75
5	5	53	15	16	59	25	27	66	35	38	72	45	49	78
50	55	31	150	165	94	250	276	56	350	387	19	450	497	81
6	6	64	16	17	70	26	28	76	36	39	83	46	50	89
60	66	38	160	177	00	260	287	63	360	398	25	460	508	88
7	7	74	17	18	81	27	29	87	37	40	93	47	51	99
70	77	44	170	188	06	270	298	69	370	409	31	470	519	94
8	8	85	18	19	91	28	30	98	38	42	04	48	53	10
80	88	50	180	199	13	280	309	75	380	420	38	480	531	00
9	9	96	19	21	02	29	32	08	39	43	14	49	54	21
90	99	56	190	210	19	290	320	81	390	431	44	490	542	06
10	11	06	20	22	13	30	33	19	40	44	25	50	55	31
100	110	63	200	221	25	300	331	88	400	442	50	500	553	13

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$44.50			\$1.11¼			\$44.50								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	11	11	12	24	21	23	36	31	34	49	41	45	61
10	11	13	110	122	38	210	233	63	310	344	88	410	456	13
2	2	23	12	13	35	22	24	48	32	35	60	42	46	73
20	22	25	120	133	50	220	244	75	320	356	00	420	467	25
3	3	34	13	14	46	23	25	59	33	36	71	43	47	84
30	33	38	130	144	63	230	255	88	330	367	13	430	478	38
4	4	45	14	15	58	24	26	70	34	37	83	44	48	95
40	44	50	140	155	75	240	267	00	340	378	25	440	489	50
5	5	56	15	16	69	25	27	81	35	38	94	45	50	06
50	55	63	150	166	88	250	278	13	350	389	38	450	500	63
6	6	68	16	17	80	26	28	93	36	40	05	46	51	18
60	66	75	160	178	00	260	289	25	360	400	50	460	511	75
7	7	79	17	18	91	27	30	04	37	41	16	47	52	29
70	77	88	170	189	13	270	300	38	370	411	63	470	522	88
8	8	90	18	20	03	28	31	15	38	42	28	48	53	40
80	89	00	180	200	25	280	311	50	380	422	75	480	534	00
9	10	01	19	21	14	29	32	26	39	43	39	49	54	51
90	100	13	190	211	38	290	322	63	390	433	88	490	545	13
10	11	13	20	22	25	30	33	38	40	44	50	50	55	63
100	111	25	200	222	50	300	333	75	400	445	00	500	556	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$44.75						\$1.11½						\$44.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	12	11	12	31	21	23	49	31	34	68	41	45	87
10	11	19	110	123	06	210	234	94	310	346	81	410	458	69
2	2	24	12	13	43	22	24	61	32	35	80	42	46	99
20	22	38	120	134	25	220	246	13	320	358	00	420	469	88
3	3	36	13	14	54	23	25	73	33	36	92	43	48	11
30	33	56	130	145	44	230	257	31	330	369	19	430	481	06
4	4	48	14	15	66	24	26	85	34	38	04	44	49	23
40	44	75	140	156	63	240	268	50	340	380	38	440	492	25
5	5	59	15	16	78	25	27	97	35	39	16	45	50	34
50	55	94	150	167	81	250	279	69	350	391	56	450	503	44
6	6	71	16	17	90	26	29	09	36	40	28	46	51	46
60	67	13	160	179	00	260	290	88	360	402	75	460	514	63
7	7	83	17	19	02	27	30	21	37	41	39	47	52	58
70	78	31	170	190	19	270	302	06	370	413	94	470	525	81
8	8	95	18	20	14	28	31	33	38	42	51	48	53	70
80	89	50	180	201	38	280	313	25	380	425	13	480	537	00
9	10	07	19	21	26	29	32	44	39	43	63	49	54	82
90	100	69	190	212	56	290	324	44	390	436	31	490	548	19
10	11	19	20	22	38	30	33	56	40	44	75	50	55	94
100	111	88	200	223	75	300	335	63	400	447	50	500	559	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$45.00						\$1.12½						\$45.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	13	11	12	38	21	23	63	31	34	88	41	46	13
10	11	25	110	123	75	210	236	25	310	348	75	410	461	25
2	2	25	12	13	50	22	24	75	32	36	00	42	47	25
20	22	50	120	135	00	220	247	50	320	360	00	420	472	50
3	3	38	13	14	63	23	25	88	33	37	13	43	48	38
30	33	75	130	146	25	230	258	75	330	371	25	430	483	75
4	4	50	14	15	75	24	27	00	34	38	25	44	49	50
40	45	00	140	157	50	240	270	00	340	382	50	440	495	00
5	5	63	15	16	88	25	28	13	35	39	38	45	50	63
50	56	25	150	168	75	250	281	25	350	393	75	450	506	25
6	6	75	16	18	00	26	29	25	36	40	50	46	51	75
60	67	50	160	180	00	260	292	50	360	405	00	460	517	50
7	7	88	17	19	13	27	30	38	37	41	63	47	52	88
70	78	75	170	191	25	270	303	75	370	416	25	470	528	75
8	8	00	18	20	25	28	31	50	38	42	75	48	54	00
80	89	00	180	202	50	280	315	00	380	427	50	480	540	00
9	9	13	19	21	38	29	32	63	39	43	88	49	55	13
90	101	25	190	213	75	290	326	25	390	433	75	490	551	25
10	11	25	20	22	50	30	33	75	40	45	00	50	56	25
100	112	50	200	225	00	300	337	50	400	450	00	500	562	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$45.25						\$1.13½						\$45.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	I	I 3	11	I 2	4 4	21	2 3	7 6	31	3 5	0 7	41	4 6	3 8
10	I I	3 I	110	I 2 4	4 4	210	2 3 7	5 6	310	3 5 0	6 9	410	4 6 3	8 I
2	2	2 6	12	I 3	5 8	22	2 4	8 9	32	3 6	2 0	42	4 7	5 I
20	2 2	6 3	120	I 3 5	7 5	220	2 4 8	8 8	320	3 6 2	0 0	420	4 7 5	I 3
3	3	3 9	13	I 4	7 I	23	2 6	0 2	33	3 7	3 3	43	4 8	6 4
30	3 3	9 4	130	I 4 7	0 6	230	2 6 0	I 9	330	3 7 3	3 I	430	4 8 6	4 4
4	4	5 3	14	I 5	8 4	24	2 7	I 5	34	3 8	4 6	44	4 9	7 8
40	4 5	2 5	140	I 5 8	3 8	240	2 7 I	5 0	340	3 8 4	6 3	440	4 9 7	7 5
5	5	6 6	15	I 6	9 7	25	2 8	2 8	35	3 9	5 9	45	5 0	9 I
50	5 6	5 6	150	I 6 9	6 9	250	2 8 2	8 I	350	3 9 5	9 4	450	5 0 9	0 6
6	6	7 9	16	I 8	I 0	26	2 9	4 I	36	4 0	7 3	46	5 2	0 4
60	6 7	8 8	160	I 8 I	0 0	260	2 9 4	I 3	360	4 0 7	2 5	460	5 2 0	3 8
7	7	9 2	17	I 9	2 3	27	3 0	5 4	37	4 I	8 6	47	5 3	I 7
70	7 9	I 9	170	I 9 2	3 I	270	3 0 5	4 4	370	4 I 8	5 6	470	5 3 I	6 9
8	9	0 5	18	2 0	3 6	28	3 I	6 8	38	4 2	9 8	48	5 4	3 0
80	9 0	5 0	180	2 0 3	6 3	280	3 I 6	7 5	380	4 2 9	8 8	480	5 4 3	0 0
9	I 0	I 8	19	2 I	4 9	29	3 2	8 I	39	4 4	I 2	49	5 5	4 3
90	I 0 I	8 I	190	2 I 4	9 4	290	3 2 8	0 6	390	4 4 I	I 9	490	5 5 4	3 I
10	I I	3 I	20	2 2	6 3	30	3 3	9 4	40	4 5	2 5	50	5 6	5 6
100	I I 3	I 3	200	2 2 6	2 5	300	3 3 9	3 8	400	4 5 2	5 0	500	5 6 5	6 3

CUBIC FEET.

40 CUBIC FEET ONE TON

\$45.50

\$1.13¾

\$45.50

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	14	11	12	51	21	23	89	31	35	26	41	46	64
10	11	38	110	125	13	210	238	88	310	352	63	410	466	38
2	2	28	12	13	65	22	25	03	32	36	40	42	47	78
20	22	75	120	136	50	220	250	25	320	364	00	420	477	75
3	3	41	13	14	79	23	26	16	33	37	54	43	48	91
30	34	13	130	147	88	230	261	63	330	375	38	430	489	13
4	4	55	14	15	93	24	27	30	34	38	68	44	50	05
40	45	50	140	159	25	240	273	00	340	386	75	440	500	50
5	5	69	15	17	06	25	28	44	35	39	81	45	51	19
50	56	88	150	170	63	250	284	38	350	398	13	450	511	88
6	6	83	16	18	20	26	29	58	36	40	95	46	52	33
60	68	25	160	182	00	260	295	75	360	409	50	460	523	25
7	7	96	17	19	34	27	30	71	37	42	09	47	53	46
70	79	63	170	193	35	270	307	13	370	420	88	470	534	63
8	9	100	18	20	48	28	31	85	38	43	23	48	54	60
80	91	00	180	204	75	280	318	50	380	432	25	480	546	00
9	10	24	19	21	61	29	32	99	39	44	36	49	55	74
90	102	38	190	216	13	290	329	88	390	443	63	490	557	38
10	11	38	20	22	75	30	34	13	40	45	50	50	56	88
100	113	75	200	227	50	300	341	25	400	455	00	500	568	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$45.75

\$1.14¾

\$45.75

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	14	11	12	58	21	24	02	31	35	47	41	46	89
10	11	44	110	125	81	210	240	19	310	354	56	410	468	94
2	2	29	12	13	73	22	25	16	32	36	60	42	48	04
20	22	88	120	137	25	220	251	63	320	366	00	420	480	38
3	3	43	13	14	87	23	26	31	33	37	74	43	49	18
30	34	31	130	148	69	230	263	06	330	377	44	430	491	81
4	4	58	14	16	01	24	27	45	34	38	89	44	50	33
40	45	75	140	160	13	240	274	50	340	388	88	440	503	25
5	5	72	15	17	16	25	28	59	35	40	03	45	51	47
50	57	19	150	171	56	250	285	94	350	400	31	450	514	69
6	6	86	16	18	30	26	29	74	36	41	18	46	52	01
60	68	63	160	183	00	260	297	38	360	411	75	460	526	13
7	8	01	17	19	44	27	30	88	37	42	32	47	53	76
70	80	06	170	194	44	270	308	81	370	423	19	470	537	56
8	9	15	18	20	59	28	32	03	38	43	46	48	54	90
80	91	50	180	205	88	280	320	25	380	434	63	480	549	00
9	10	29	19	21	73	29	33	17	39	44	61	49	56	04
90	102	94	190	217	31	290	331	69	390	446	06	490	560	44
10	11	44	20	22	88	30	34	31	40	45	75	50	57	19
100	114	38	200	228	75	300	343	13	400	457	50	500	571	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$46.00			\$1.15			\$46.00								
Cubic feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	15	11	12	65	21	24	15	31	35	65	41	47	15
10	11	50	110	126	50	210	241	50	310	356	50	410	471	50
2	2	30	12	13	80	22	25	30	32	36	80	42	48	30
20	23	00	120	138	00	220	253	00	320	368	00	420	483	00
3	3	45	13	14	95	23	26	45	33	37	95	43	49	45
30	34	50	130	149	50	230	264	50	330	379	50	430	494	50
4	4	60	14	16	100	24	27	60	34	39	100	44	50	60
40	46	00	140	161	00	240	276	00	340	391	00	440	506	00
5	5	75	15	17	25	25	28	75	35	40	25	45	51	75
50	57	50	150	172	50	250	287	50	350	402	50	450	517	50
6	6	90	16	18	40	26	29	90	36	41	40	46	52	90
60	69	00	160	184	00	260	299	00	360	414	00	460	529	00
7	8	05	17	19	55	27	31	05	37	42	55	47	54	05
70	80	50	170	195	50	270	310	50	370	425	50	470	540	50
8	9	20	18	20	70	28	32	20	38	43	70	48	55	20
80	92	00	180	207	00	280	322	00	380	437	00	480	552	00
9	10	35	19	21	85	29	33	35	39	44	85	49	56	35
90	103	50	190	218	50	290	333	50	390	448	50	490	563	50
10	11	50	20	23	00	30	34	50	40	46	00	50	57	50
100	115	00	200	230	00	300	345	00	400	460	00	500	575	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$46.25						\$1.15½						\$46.25		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	16	11	12	72	21	24	28	31	35	84	41	47	41
10	11	56	110	127	19	210	242	81	310	358	44	410	474	06
2	2	31	12	13	88	22	25	44	32	37	00	42	48	56
20	23	13	120	138	75	220	254	38	320	370	00	420	485	63
3	3	47	13	15	93	23	26	59	33	38	16	43	49	72
30	34	69	130	150	31	230	265	94	330	381	56	430	497	19
4	4	63	14	16	109	24	27	75	34	39	31	44	50	88
40	46	25	140	161	88	240	277	50	340	393	13	440	508	75
5	5	78	15	17	34	25	28	91	35	40	47	45	52	03
50	57	81	150	173	44	250	289	06	350	404	69	450	520	31
6	6	94	16	18	50	26	30	06	36	41	63	46	53	19
60	69	38	160	185	00	260	300	63	360	416	25	460	531	88
7	8	09	17	19	66	27	31	22	37	42	78	47	54	34
70	80	94	170	196	56	270	312	19	370	427	81	470	543	44
8	9	25	18	20	81	28	32	38	38	43	94	48	55	50
80	92	50	180	208	13	280	323	75	380	439	38	480	555	00
9	10	41	19	21	97	29	33	53	39	45	09	49	56	66
90	104	06	190	219	69	290	335	31	390	450	94	490	566	56
10	11	56	20	23	13	30	34	69	40	46	25	50	57	81
100	115	63	200	231	25	300	346	88	400	462	50	500	578	13

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$46.50			\$1.16¼			\$46.50								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	16	11	12	79	21	24	41	31	36	04	41	47	66
10	11	63	110	127	88	210	244	13	310	360	38	410	476	63
2	2	33	12	13	95	22	25	58	32	37	20	42	48	83
20	23	25	120	139	50	220	255	75	320	372	00	420	488	25
3	3	49	13	15	11	23	26	74	33	38	36	43	49	99
30	34	88	130	151	13	230	267	38	330	383	63	430	499	88
4	4	65	14	16	28	24	27	90	34	39	53	44	51	15
40	46	50	140	162	75	240	279	00	340	395	25	440	511	50
5	5	81	15	17	44	25	29	06	35	40	69	45	52	31
50	58	13	150	174	38	250	290	63	350	406	88	450	523	13
6	6	98	16	18	60	26	30	23	36	41	85	46	53	48
60	69	75	160	186	00	260	302	25	360	418	50	460	534	75
7	8	14	17	19	76	27	31	39	37	43	01	47	54	64
70	81	38	170	197	63	270	313	88	370	430	13	470	546	38
8	9	30	18	20	93	28	32	55	38	44	18	48	55	80
80	93	00	180	209	25	280	325	50	380	441	75	480	558	00
9	10	46	19	22	09	29	33	71	39	45	34	49	56	96
90	104	63	190	220	88	290	337	13	390	453	38	490	569	63
10	11	63	20	23	25	30	34	88	40	46	50	50	58	13
100	116	25	200	232	50	300	348	75	400	465	00	500	581	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$46.75			\$1.16½						\$46.75					
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	17	11	12	86	21	24	54	31	36	23	41	47	92
10	11	69	110	128	56	210	245	44	310	362	31	410	479	19
2	2	34	12	14	03	22	25	71	32	37	40	42	49	09
20	23	38	120	140	25	220	257	13	320	374	00	420	490	88
3	3	51	13	15	19	23	26	88	33	38	57	43	50	26
30	35	06	130	151	94	230	268	81	330	385	09	430	502	56
4	4	68	14	16	36	24	28	05	34	39	74	44	51	43
40	46	75	140	163	63	240	280	50	340	397	38	440	514	25
5	5	84	15	17	53	25	29	22	35	40	91	45	52	59
50	58	44	150	175	31	250	292	19	350	409	06	450	525	94
6	7	01	16	18	70	26	30	39	36	42	08	46	53	76
60	70	13	160	187	00	260	303	88	360	420	75	460	537	63
7	8	18	17	19	87	27	31	56	37	43	24	47	54	93
70	81	81	170	198	69	270	315	56	370	432	44	470	549	31
8	9	35	18	21	04	28	32	73	38	44	41	48	56	10
80	93	50	180	210	38	280	327	25	380	444	13	480	561	00
9	10	52	19	22	21	29	33	89	39	45	58	49	57	27
90	105	19	190	222	06	290	338	94	390	455	81	490	572	69
10	11	69	20	23	38	30	35	06	40	46	75	50	58	44
100	116	88	200	233	75	300	350	63	400	467	50	500	584	38

CUBIC FEET.

40 CUBIC FEET ONE TON

\$47.00

\$1.17½

\$47.00

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	18	11	12	93	21	24	68	31	36	43	41	48	18
10	11	75	110	129	25	210	246	75	310	364	25	410	481	75
2	2	35	12	14	10	22	25	85	32	37	60	42	49	35
20	23	50	120	141	00	220	258	50	320	376	00	420	493	50
3	3	53	13	15	28	23	27	03	33	38	78	43	50	53
30	35	25	130	152	75	230	270	25	330	387	75	430	505	25
4	4	70	14	16	45	24	28	20	34	39	95	44	51	70
40	47	00	140	164	50	240	282	00	340	399	50	440	517	00
5	5	88	15	17	63	25	29	38	35	41	13	45	52	88
50	58	75	150	176	25	250	293	75	350	411	25	450	528	75
6	7	05	16	18	80	26	30	55	36	42	30	46	54	05
60	70	50	160	188	00	260	305	50	360	423	00	460	540	50
7	8	23	17	19	98	27	31	73	37	43	48	47	55	23
70	82	25	170	199	75	270	317	25	370	434	75	470	552	25
8	9	40	18	21	15	28	32	90	38	44	65	48	56	40
80	94	00	180	211	50	280	329	00	380	446	50	480	564	00
9	10	58	19	22	33	29	34	08	39	45	83	49	57	58
90	105	75	190	223	25	290	340	75	390	458	25	490	575	75
10	11	75	20	23	50	30	35	25	40	47	00	50	58	75
100	117	50	200	235	00	300	352	50	400	470	00	500	587	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$47.25

\$1.18½

\$47.25

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	18	11	12	99	21	24	81	31	36	62	41	48	43
10	11	81	110	129	94	210	248	06	310	366	19	410	484	31
2	2	36	12	14	18	22	25	99	32	37	80	42	49	61
20	23	63	120	141	75	220	259	88	320	378	00	420	496	13
3	3	54	13	15	36	23	27	17	33	38	98	43	50	79
30	35	44	130	153	56	230	271	69	330	389	81	430	507	94
4	4	73	14	16	54	24	28	35	34	40	16	44	51	98
40	47	25	140	165	38	240	283	50	340	401	63	440	519	75
5	5	91	15	17	72	25	29	54	35	41	34	45	53	16
50	59	06	150	177	19	250	295	31	350	413	44	450	531	56
6	7	09	16	18	90	26	30	71	36	42	53	46	54	34
60	70	88	160	189	00	260	307	13	360	425	25	460	543	38
7	8	27	17	20	08	27	31	89	37	43	71	47	55	52
70	82	69	170	200	81	270	318	94	370	437	06	470	555	19
8	9	45	18	21	26	28	33	08	38	44	89	48	56	70
80	94	50	180	212	63	280	330	75	380	448	88	480	567	00
9	10	63	19	22	44	29	34	26	39	46	07	49	57	88
90	106	31	190	224	44	290	342	56	390	460	69	490	578	81
10	11	81	20	23	63	30	35	44	40	47	25	50	59	06
100	118	13	200	236	25	300	354	38	400	472	50	500	590	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$47.50

\$1.18 $\frac{3}{4}$

\$47.50

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	19	11	13	06	21	24	94	31	36	81	41	48	69
10	11	88	110	130	63	210	249	38	310	368	13	410	486	88
2	2	38	12	14	25	22	26	13	32	38	00	42	49	88
20	23	75	120	142	50	220	261	25	320	380	00	420	498	75
3	3	56	13	15	44	23	27	31	33	39	19	43	51	06
30	35	63	130	154	38	230	273	13	330	391	88	430	510	63
4	4	75	14	16	63	24	28	50	34	40	38	44	52	25
40	47	50	140	166	25	240	285	00	340	403	75	440	522	50
5	5	94	15	17	81	25	29	69	35	41	56	45	53	44
50	59	38	150	178	13	250	296	88	350	415	63	450	534	38
6	7	13	16	19	00	26	30	88	36	42	75	46	54	63
60	71	25	160	190	00	260	308	75	360	427	50	460	546	25
7	8	31	17	20	19	27	32	06	37	43	94	47	55	81
70	83	13	170	201	88	270	320	63	370	439	38	470	558	13
8	9	50	18	21	38	28	33	25	38	45	13	48	57	00
80	95	00	180	213	75	280	332	50	380	451	25	480	570	00
9	10	69	19	22	56	29	34	44	39	46	31	49	58	19
90	106	88	190	225	63	290	344	38	390	463	13	490	581	88
10	11	88	20	23	75	30	35	63	40	47	50	50	59	38
100	118	75	200	237	50	300	356	25	400	475	00	500	593	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$47.75

\$1.19 $\frac{3}{8}$

\$47.75

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	19	11	13	13	21	25	07	31	37	01	41	48	94
10	11	94	110	131	31	210	250	69	310	370	06	410	489	44
2	2	39	12	14	33	22	26	26	32	38	20	42	50	14
20	23	88	120	143	25	220	262	63	320	382	00	420	501	38
3	3	58	13	15	52	23	27	46	33	39	39	43	51	33
30	35	81	130	155	19	230	274	56	330	393	94	430	513	31
4	4	78	14	16	71	24	28	65	34	40	59	44	52	53
40	47	75	140	167	13	240	286	50	340	405	88	440	525	25
5	5	97	15	17	91	25	29	84	35	41	78	45	53	72
50	59	69	150	179	05	250	298	44	350	417	81	450	537	19
6	7	16	16	19	10	26	31	04	36	42	98	46	54	91
60	71	63	160	191	00	260	310	38	360	429	75	460	549	13
7	8	36	17	20	29	27	32	23	37	44	17	47	56	11
70	83	56	170	202	94	270	322	31	370	441	69	470	561	06
8	9	55	18	21	49	28	33	43	38	45	36	48	57	30
80	95	50	180	214	88	280	334	25	380	453	63	480	573	00
9	10	74	19	22	68	29	34	62	39	46	56	49	58	49
90	107	44	190	226	81	290	346	19	390	465	57	490	584	94
10	11	94	20	23	88	30	35	81	40	47	75	50	59	69
100	119	38	200	238	75	300	358	13	400	477	50	500	596	88

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$48.00						\$1.20						\$48.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	20	11	13	20	21	25	20	31	37	20	41	49	20
10	12	00	110	132	00	210	252	00	310	372	00	410	492	00
2	2	40	12	14	40	22	26	40	32	38	40	42	50	40
20	24	00	120	144	00	220	264	00	320	384	00	420	504	00
3	3	60	13	15	60	23	27	60	33	39	60	43	51	60
30	36	00	130	156	00	230	276	00	330	396	00	430	516	00
4	4	80	14	16	80	24	28	80	34	40	80	44	52	80
40	48	00	140	168	00	240	288	00	340	408	00	440	528	00
5	6	00	15	18	00	25	30	00	35	42	00	45	54	00
50	60	00	150	180	00	250	300	00	350	420	00	450	540	00
6	7	20	16	19	20	26	31	20	36	43	20	46	55	20
60	72	00	160	192	00	260	312	00	360	432	00	460	552	00
7	8	40	17	20	40	27	32	40	37	44	40	47	56	40
70	84	00	170	204	00	270	324	00	370	440	00	470	564	00
8	9	60	18	21	60	28	33	60	38	45	60	48	57	60
80	96	00	180	216	00	280	336	00	380	456	00	480	576	00
9	10	80	19	22	80	29	34	80	39	46	80	49	58	80
90	108	00	190	228	00	290	348	00	390	468	00	490	588	00
10	12	00	20	24	00	30	36	00	40	48	00	50	60	00
100	120	00	200	240	00	300	360	00	400	480	00	500	600	00

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$48.25			\$1.20½			\$48.25								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	21	11	13	27	21	25	33	31	37	39	41	49	46
10	12	06	110	132	69	210	253	31	310	373	94	410	494	56
2	2	41	12	14	48	22	26	54	32	38	60	42	50	66
20	24	13	120	144	75	220	265	38	320	386	00	420	506	63
3	3	62	13	15	68	23	27	74	33	39	81	43	51	87
30	36	19	130	156	81	230	277	44	330	398	06	430	518	69
4	4	83	14	16	89	24	28	95	34	41	01	44	53	08
40	48	25	140	168	88	240	289	50	340	410	13	440	530	75
5	6	03	15	18	09	25	30	16	35	42	22	45	54	28
50	60	31	150	180	94	250	301	56	350	422	19	450	542	81
6	7	24	16	19	30	26	31	36	36	43	43	46	55	49
60	72	38	160	192	00	260	313	63	360	434	25	460	554	88
7	8	44	17	20	51	27	32	57	37	44	63	47	56	69
70	84	44	170	205	06	270	325	69	370	446	31	470	566	94
8	9	65	18	21	71	28	33	78	38	45	84	48	57	90
80	96	50	180	217	13	280	337	75	380	458	38	480	579	00
9	10	86	19	22	92	29	34	98	39	47	04	49	59	11
90	108	56	190	229	19	290	349	81	390	470	44	490	591	06
10	12	06	20	24	13	30	36	19	40	48	25	50	60	31
100	120	63	200	241	25	300	361	88	400	482	50	500	603	13

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$48.50			\$1.21¼			\$48.50								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	21	11	13	34	21	25	46	31	37	59	41	49	71
10	12	13	110	133	38	210	254	63	310	375	88	410	497	13
2	2	43	12	14	55	22	26	68	32	38	80	42	50	93
20	24	25	120	145	50	220	266	75	320	388	00	420	509	25
3	3	64	13	15	76	23	27	89	33	40	01	43	52	14
30	36	38	130	157	63	230	278	88	330	400	13	430	521	38
4	4	85	14	16	98	24	29	10	34	41	23	44	53	35
40	48	50	140	169	75	240	291	00	340	412	25	440	533	50
5	6	06	15	18	19	25	30	31	35	42	44	45	54	56
50	60	63	150	181	88	250	303	13	350	424	38	450	545	63
6	7	28	16	19	40	26	31	53	36	43	65	46	55	78
60	72	75	160	194	00	260	315	25	360	436	50	460	557	75
7	8	49	17	20	61	27	32	74	37	44	86	47	56	99
70	84	88	170	206	13	270	327	38	370	448	63	470	569	88
8	9	70	18	21	83	28	33	95	38	46	08	48	58	20
80	97	00	180	218	25	280	339	50	380	460	75	480	582	00
9	10	91	19	23	04	29	35	16	39	47	29	49	59	41
90	109	13	190	230	38	290	351	63	390	472	88	490	594	13
10	12	13	20	24	25	30	36	38	40	48	50	50	60	63
100	121	25	200	242	50	300	363	75	400	485	00	500	606	25

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$48.75						\$1.21¼						\$48.75		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	22	11	13	41	21	25	59	31	37	78	41	49	97
10	12	19	110	134	06	210	255	94	310	377	81	410	499	69
2	2	44	12	14	63	22	26	81	32	39	00	42	51	19
20	24	38	120	146	25	220	268	13	320	390	00	420	511	88
3	3	66	13	15	84	23	28	03	33	40	22	43	52	41
30	36	56	130	158	44	230	280	31	330	402	19	430	524	06
4	4	88	14	17	06	24	29	25	34	41	48	44	53	63
40	48	75	140	170	63	240	292	50	340	414	38	440	536	25
5	6	09	15	18	28	25	30	47	35	42	66	45	54	84
50	60	94	150	182	81	250	304	69	350	426	56	450	548	44
6	7	31	16	19	50	26	31	69	36	43	88	46	56	06
60	73	13	160	195	00	260	316	88	360	438	75	460	560	63
7	8	53	17	20	72	27	32	91	37	45	09	47	57	28
70	85	31	170	207	19	270	329	06	370	450	94	470	572	81
8	9	75	18	21	94	28	34	13	38	46	31	48	58	50
80	97	50	180	219	38	280	341	25	380	463	13	480	585	00
9	10	97	19	23	16	29	35	34	39	47	53	49	59	72
90	109	69	190	231	56	290	353	44	390	475	31	490	597	19
10	12	19	20	24	38	30	36	56	40	48	75	50	60	94
100	121	88	200	243	75	300	365	63	400	487	50	500	609	38

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$49.00			\$1.22½			\$49.00								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	23	11	13	48	21	25	73	31	37	98	41	50	23
10	12	25	110	134	75	210	257	25	310	379	75	410	502	25
2	2	45	12	14	70	22	26	95	32	39	20	42	51	45
20	24	50	120	147	00	220	269	50	320	392	00	420	514	50
3	3	68	13	15	93	23	28	18	33	40	43	43	52	68
30	36	75	130	159	25	230	281	75	330	404	25	430	526	75
4	4	90	14	17	15	24	29	40	34	41	65	44	53	90
40	49	00	140	171	50	240	294	00	340	416	50	440	539	00
5	6	13	15	18	38	25	30	63	35	42	88	45	55	13
50	61	25	150	183	75	250	306	25	350	428	75	450	551	25
6	7	35	16	19	60	26	31	85	36	44	10	46	56	35
60	73	50	160	196	00	260	318	50	360	441	00	460	563	50
7	8	58	17	20	83	27	33	08	37	45	33	47	57	58
70	85	75	170	208	25	270	330	75	370	453	25	470	575	75
8	9	80	18	22	05	28	34	30	38	46	55	48	58	80
80	98	00	180	220	50	280	343	00	380	465	50	480	588	00
9	11	03	19	23	28	29	35	53	39	47	78	49	60	03
90	110	25	190	232	75	290	355	25	390	477	75	490	600	25
10	12	25	20	24	50	30	36	75	40	49	00	50	61	25
100	122	50	200	245	00	300	367	50	400	490	00	500	612	50

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$49.25			\$1.23½			\$49.25								
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	23	11	13	54	21	25	86	31	38	17	41	50	48
10	12	31	110	135	44	210	258	56	310	381	69	410	504	81
2	2	46	12	14	78	22	27	09	32	39	40	42	51	71
20	24	63	120	147	75	220	270	88	320	394	00	420	517	13
3	3	69	13	16	01	23	28	32	33	40	63	43	52	94
30	36	94	130	160	06	230	283	19	330	406	31	430	529	44
4	4	93	14	17	24	24	29	55	34	41	86	44	54	18
40	49	25	140	172	38	240	295	50	340	418	63	440	541	75
5	6	16	15	18	47	25	30	78	35	43	09	45	55	41
50	61	56	150	184	59	250	307	81	350	430	94	450	554	06
6	7	39	16	19	70	26	32	01	36	44	33	46	56	64
60	73	88	160	197	00	260	320	13	360	443	25	460	566	38
7	8	62	17	20	93	27	33	24	37	45	56	47	57	87
70	86	19	170	209	31	270	332	44	370	455	56	470	578	69
8	9	85	18	22	16	28	34	48	38	46	79	48	59	10
80	98	50	180	221	63	280	344	75	380	467	88	480	591	00
9	11	08	19	23	39	29	35	71	39	48	02	49	60	33
90	110	81	190	233	94	290	357	06	390	480	19	490	603	31
10	12	31	20	24	63	30	36	94	40	49	25	50	61	56
100	123	13	200	246	25	300	369	38	400	492	50	500	615	63

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$49.50

\$1.23 $\frac{3}{4}$

\$49.50

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	24	11	13	61	21	25	99	31	38	36	41	50	74
10	12	38	110	136	13	210	259	88	310	383	63	410	507	38
2	2	48	12	14	85	22	27	23	32	39	60	42	51	98
20	24	75	120	148	50	220	272	25	320	396	00	420	519	75
3	3	71	13	16	09	23	28	46	33	40	84	43	53	21
30	37	13	130	160	88	230	284	63	330	408	38	430	532	13
4	4	95	14	17	33	24	29	70	34	42	08	44	54	45
40	49	50	140	173	25	240	297	00	340	420	75	440	544	50
5	6	19	15	18	56	25	30	94	35	43	31	45	55	69
50	61	88	150	185	63	250	309	38	350	433	13	450	556	88
6	7	43	16	19	80	26	32	18	36	44	55	46	56	93
60	74	25	160	198	00	260	321	75	360	445	50	460	569	25
7	8	66	17	21	04	27	33	41	37	45	79	47	58	16
70	86	63	170	210	38	270	334	13	370	457	88	470	581	63
8	9	90	18	22	28	28	34	65	38	47	03	48	59	40
80	99	00	180	222	75	280	346	50	380	470	25	480	594	00
9	11	14	19	23	51	29	35	89	39	48	26	49	60	64
90	111	38	190	235	13	290	358	88	390	482	63	490	606	38
10	12	38	20	24	75	30	37	13	40	49	50	50	61	88
100	123	75	200	247	50	300	371	25	400	495	00	500	618	75

CUBIC FEET.

40 CUBIC FEET ONE TON.

\$49.75

\$1.24 $\frac{3}{4}$

\$49.75

Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	24	11	13	68	21	26	12	31	38	56	41	50	99
10	12	44	110	136	81	210	261	19	310	385	56	410	509	94
2	2	49	12	14	93	22	27	36	32	39	80	42	52	24
20	24	88	120	149	25	220	273	63	320	398	00	420	522	38
3	3	73	13	16	17	23	28	61	33	41	04	43	53	48
30	37	31	130	161	69	230	286	06	330	410	44	430	534	81
4	4	98	14	17	41	24	29	85	34	42	29	44	54	73
40	49	75	140	174	13	240	298	50	340	422	88	440	547	25
5	6	22	15	18	06	25	31	09	35	43	53	45	55	97
50	62	19	150	186	56	250	310	94	350	435	31	450	559	69
6	7	46	16	19	90	26	32	34	36	44	78	46	57	21
60	74	63	160	199	00	260	323	38	360	447	75	460	572	13
7	8	71	17	21	14	27	33	58	37	46	02	47	58	46
70	87	06	170	211	44	270	335	81	370	460	19	470	584	56
8	9	95	18	22	39	28	34	83	38	47	26	48	59	70
80	99	50	180	223	88	280	348	25	380	472	63	480	597	00
9	11	19	19	23	63	29	36	07	39	48	51	49	60	94
90	111	94	190	236	31	290	360	69	390	485	06	490	609	44
10	12	44	20	24	88	30	37	31	40	49	75	50	62	19
100	124	38	200	248	75	300	373	13	400	497	50	500	621	88

CUBIC FEET.

40 CUBIC FEET ONE TON

\$50.00						\$1.25						\$50.00		
Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.	Cubic Feet.	\$	Cts.
1	1	25	11	13	75	21	26	25	31	38	75	41	51	25
10	12	50	110	137	50	210	262	50	310	387	50	410	512	50
2	2	50	12	15	00	22	27	50	32	40	00	42	52	50
20	25	00	120	150	00	220	275	00	320	400	00	420	525	00
3	3	75	13	16	25	23	28	75	33	41	25	43	53	75
30	37	50	130	162	50	230	287	50	330	412	50	430	537	50
4	5	00	14	17	50	24	30	00	34	42	50	44	55	00
40	50	00	140	175	00	240	300	00	340	425	00	440	550	00
5	6	25	15	18	75	25	31	25	35	43	75	45	56	25
50	62	50	150	187	50	250	312	50	350	437	50	450	562	50
6	7	50	16	20	00	26	32	50	36	45	00	46	57	50
60	75	00	160	200	00	260	325	00	360	450	00	460	575	00
7	8	75	17	21	25	27	33	75	37	46	25	47	58	75
70	87	50	170	212	50	270	337	50	370	462	50	470	587	50
8	10	00	18	22	50	28	35	00	38	47	50	48	60	00
80	100	00	180	225	00	280	350	00	380	475	00	480	600	00
9	11	25	19	23	75	29	36	25	39	48	75	49	61	25
90	112	50	190	237	50	290	362	50	390	487	50	490	612	50
10	12	50	20	25	00	30	37	50	40	50	00	50	62	50
100	125	00	200	250	00	300	375	00	400	500	00	500	625	00



Merchandise

COMPARATIVE

WEIGHTS AND MEASURES

In regard to the following tables of weights and measures of merchandise, I deem it appropriate to say that, in adopting a classification and tariff that will prove satisfactory and do equal justice alike to the transportation company, the merchant, and indirectly, the consumer, is a subject that has required the earnest consideration of the most experienced men connected with the transportation service. The questions to be considered are many and complicated. Without entering into detail as to the possible solution of these questions, it may be well to state that among them are:

The cost of plant.

The cost of maintenance.

The expense of service.

The distance of haul.

The value of the article to be transported.

The kind of merchandise to be transported, both as to its liability to damage and the space it will occupy.

Proper records and a knowledge of the service determine these questions except that of bulk or the space necessary for a given article of merchandise. If this question was more thoroughly understood by the transportation companies and the merchants, no doubt, in many cases, better rates could be maintained without incurring the displeasure of either the consignor or consignee.

To illustrate this principle, take "Dry Goods" and "Millinery Goods," which are about equal as to their liability to damage by handling, and we

find that "Dry Goods" in cases weigh $20\frac{92}{100}$ pounds to the cubic foot, while "Millinery Goods," packed in a like manner, weigh only $6\frac{90}{100}$ pounds to the cubic foot. As an ordinary Box Car has a capacity of 1600 cubic feet, we find that of this space "Dry Goods" will require 956 cubic feet for 10 tons weight, while it will take two cars and 134 cubic feet in a third car to hold 10 tons weight of "Millinery Goods." Therefore, making them equal in the classification at a fixed rate, say, of \$5.00 per ton weight, the transportation company would receive \$50.00 for handling and transporting 10 tons weight of "Millinery Goods," and for the service of over two cars, while for the use of the same cars the company would receive on "Dry Goods," occupying the same space, \$175.00.

It would appear to be an injustice to estimate the weight of a Road Cart S. U. at 750 pounds (Western Classification) that weighs only 130 pounds. But considering the fact that it would require the service of three ordinary-sized cars to hold 10 tons weight of Road Carts, the estimate is not excessive.

The statement is not robbed of the argument because one might wish to ship only one sulky or cart. The principle is the same whether in 10 ton lots or less, because in the space required for one Road Cart K. D. and crated, weighing but 130 pounds, four (4) barrels of sugar, weighing over 1100 pounds, might be placed, or a thousand other articles that would pay a better freight.

I do not undertake to say that these conditions can be made to completely harmonize, from the fact that laws governing demand and supply are such that concessions have to be made in the regulation of freights; yet it would appear that by a thorough knowledge of the facts, transportation companies might so regulate and adjust a classification that would only require such alteration as might be made necessary by the demands of a new article of commerce, or the opening up of trade in commodities seeking a new market.

Under the head of "Rules and Conditions," many railway companies have instructed their agents that when "impracticable to weigh freight, to measure it and estimate each cubic foot at 50 pounds." A careful record of the facts proves conclusively that there is no other reason for this rule, than that as 40 cubic feet make one ton measurement, and it multiplied by 50 gives 2000 pounds, one ton weight. The heaviest and most compactly built machinery will hardly approximate 50 pounds per cubic foot.

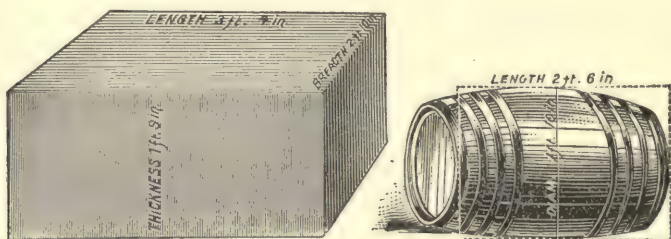
There may be a few merchants who undertake to defraud transportation companies by entering on their bills of lading short weights, or ship goods under a false name in order to avoid the classification. If there are any such, a thorough knowledge of the facts presented in this work will greatly assist in detecting false entries, as well as establishing and locating the character of contraband goods.

By referring to the following pages it may be observed, that in all cases where goods are not put up in uniform packages an average has been sought. In doing this it has been demonstrated that the same material packed in a small box will weigh as much to the cubic foot as it will packed in a large case. *In other words it will increase and diminish in like proportion.* It is equally true of goods put up in bales, that is if they are packed in the same manner. Grain bags imported in bales weigh a fraction less than 44

pounds per cubic foot, while domestic or "foreign repacked" in bales weigh but 27 pounds per cubic foot. The goods are just the same, but the difference is in the manner of packing, the imported being compressed and bound securely with iron bands, while the "domestic" are, in the majority of cases, tied firmly together with cordage without being compressed.

I have made mention of these facts merely to indicate the utility of this portion of the work, and hope that the comparisons made will serve the purpose intended, namely, that of arriving at a better understanding of the difference between weights and measurements of merchandise.

To ascertain the cubical contents of any package, three measurements are required, viz.: the length, breadth and thickness. Reduce the measurements to inches, multiply the breadth by the thickness, and the product by the length; divide this last product by 1728, the number of cubic inches in a cubic foot. The result will be the cubical contents in cubic feet and twelfths of a cubic foot.



Suppose that you wished to ascertain the cubical contents of a barrel, measuring across the bulge 1 foot 10 inches, and 2 feet 6 inches in length. (See illustrations.) What is required for transportation purposes is the cubical space the barrel will occupy, and not the cubical contents of the barrel itself.

The length of the barrel, as above, is 2 feet 6 inches, the breadth will be its diameter at the bulge, 1 foot, 10 inches, and the thickness will be the diameter, 1 foot, 10 inches, on a line at right angles with the breadth. Hence, in the case of a barrel, we use the diameter twice as the breadth and thickness of the package of which we desire the cubical contents. In case of a perfect sphere, as a globe or a common ball, we should use the diameter three times, as length, breadth and thickness.

To ascertain the cubical contents of the barrel:

Operation—

$$\begin{array}{rcl} 1 \text{ ft. } 10 \text{ in.} & = & 22 \text{ in.} \qquad 22 \times 22 = 484 \text{ in.} \\ 2 \text{ ft. } 6 \text{ in.} & = & 30 \text{ in.} \times 484 = 14,520 \div 1728 = 8 \text{ ft. } 4 \text{ in.} \end{array}$$

By carefully considering these tables some entries may appear inconsistent, but in such cases they arise from improper packing, or from the lack of care in crating, and in some cases from natural causes that cannot be avoided. For instance, by reference to the item Squashes, it will be noted that a single squash will weigh about 29 pounds to the cubic foot, while the same squash crated weighs nearly 31 pounds to the cubic foot. Swiss Cheese is solid, compact freight, as imported to this country;

it is packed in large tubs, tapering outward from the bottom to top. The head placed several inches below the top of the chime, this space is lost, and when the package is squared it becomes less than three-quarters freight. Then, again, it will be noted that in articles like Saddle Trees, where two entries are made in bundles, one weighing a fraction less than 6 pounds to the cubic foot, and the other nearly $10\frac{1}{2}$ pounds to the cubic foot. The former, of Eastern make, is covered with canvas, while the latter is of California make, and is covered with rawhide, therefore are nearly twice as heavy as those manufactured East.

EXPLANATORY.

The measurements are in cubic feet and twelfths of a cubic foot.

The number of pounds to the cubic foot are in pounds and hundredths of a pound.

The number of cubic feet per 100 pounds are in cubic feet and hundredths of a cubic foot.

The number of cubic feet per ton are in cubic feet and tenths of a cubic foot.

S. U. signifies set up. K. D., knocked down. N. O. S., not otherwise specified.

When an article is given as boxed it means completely enclosed.

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

A

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet Per Tons.
Acid, Muriatic, in glass.....in carboys	7.10	231	29.49	1180	3.39	67.8
“ Nitric, “ “	7.6	142	18.94	758	5.28	105.6
“ Sulphuric, “ “	7.10	288	36.77	1471	2.72	54.4
“ “in iron tanks	25.10	1820	70.45	2818	1.42	28.4
“ N. O. S., in glass.....in carboys	5.4	150	28.12	1125	3.56	71.2
“ “ “in boxes	1.2	36	30.86	1234	3.25	65.
“ in pints, “in cases	5.1	138	27.15	1086	3.68	73.6
“ in ½ gallons, “ “	4.10	150	31.03	1241	3.22	64.4
“ Phosphate, “in boxes	0.6	17	34.00	1360	2.94	58.8
Advertising Matter “	3.1	73	23.68	947	4.22	84.4
Agate Ware.....in cases	9.11	857	86.42	3457	1.16	23.2
Agricultural Implements.						
Corn Shellers.....each	7.2	85	11.86	474	8.05	161.
Cotton Drills..... “	15.10	375	23.68	947	4.2	84.
“ Gins, Brown's “	101.1	990	10.67	427	9.37	187.4
“ Feeders, “ “	71.3	484	6.79	272	14.73	294.6
“ Condensers, Brown's..... “	26.4	1190	45.19	1808	2.21	44.2
“ Gins, Hall's..... “	78.3	970	12.39	496	8.07	161.4
“ Feeders, “ “	45.	450	10.	400	10.	200.
“ Condensers, Hall's..... “	27.	315	11.67	467	8.57	171.4
Cradles, Grain, S. U..... “	8.5	119	14.14	566	7.07	141.4
“ “ K. D.....in cases	13.4	130	9.75	390	10.25	205.
Cradle Fingers.....in bundles	3.1	20	6.49	260	15.4	308.
Cultivators, K. D.....each	4.7	45	9.82	393	10.18	203.6
Drills, Seed, S. U..... “	130.	500	3.85	154	26.49	529.8
Feed Cutter, S. U., No. 2..... “	26.10	200	7.45	298	13.42	268.4
Forks, Hay.....in bundles	4.2	51	12.24	490	8.17	163.4
Furnace, Agricultural.....crated	31.11	385	12.06	482	8.29	165.8
Guano Spreaders.....each	18.	300	16.67	667	6.	120.
Harrows..... “	16.	350	21.88	875	4.57	91.4
“ cast frame, spring teeth..... “	47.11	275	5.74	230	17.42	348.4
Harrow Teeth, steel.....in boxes	0.10	110	132.	5280	.76	15.2
“ “ “in kegs	1.6	206	137.33	5493	.73	14.6
Hay Cutters, horse power, K. D.....each	23.4	293	12.56	502	7.96	159.2

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

A

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
<i>Agricultural Implements—Continued.</i>						
Hay Cutters, hand.....crated	34.8	325	9.37	375	10.67	213.4
Hoes, ½ dozen.....in bundles	4.6	63	14.	560	7.14	142.8
“ packed.....in boxes	2.8	162	60.75	2430	1.65	33.
Incubators .....each	32.6	200	6.15	246	16.26	325.2
Machines, Smut..... “	34.3	420	12.26	490	8.16	163.2
Mills, Saw, K.D..... “	69.2	1190	17.20	688	5.81	116.2
“ Sorghum..... “	25.	650	26.	1040	3.85	77.
Mowers, S.U..... “	41.11	640	15.27	611	6.55	131.
“ Lawn..... “	5.8	180	31.75	1270	3.15	63.
Plows, S.U..... “	8.2	152	18.61	744	5.37	107.4
“ Gang, 12 inch, S.U..... “	108.6	400	3.69	148	27.10	542.
“ ¾ inch, K.D.....boxed	10.5	575	55.20	2208	1.81	36.2
“ ⅓ inch “ “..... “	16.10	855	50.80	2032	1.97	39.4
“ ⅓ inch “ “..... “	11.3	605	53.78	2151	1.86	37.2
Presses, Cotton.....each	60.8	1020	16.81	672	5.95	119.
Rakes, Hand.....per dozen	1.10	35	19.09	764	5.23	104.6
“ “.....in bundles	1.7	29	18.32	733	5.46	109.2
Reapers, S.U.....each	38.	650	17.10	684	5.85	117.
Scrapers, Road and Pond..... “	7.9	100	12.90	516	7.75	155.
Scythe Snaths .....per ½ dozen	1.3	20	16.	640	6.25	125.
Seed Sower, Gem, No. 1, S.U.....each	24.3	130	5.36	214	18.66	373.
Shovels .....in bundles	2.8	40	15.	600	6.67	133.4
“ Snow, wood.....each	11.3	20	1.78	71	56.18	1123.6
Spades .....in bundles	1.8	35	21.	840	4.76	95.2
Straw Cutters.....each	18.	75	4.17	167	23.98	479.6
Threshers or Separators..... “	40.4	339	8.41	336	11.89	237.8
Wheelbarrows, K.D.....per dozen	8.11	205	22.99	920	4.35	87.
“ Handles and Wheels, wood, 6 in bdl.	16.10	200	11.88	475	8.42	168.4
“ Trays, wood..... “	10.4	60	5.80	232	17.24	344.8
Accohol (<i>see table</i>).....in barrels	8.6	359	42.24	1690	2.37	47.4
Ale and Beer (<i>see also Beer</i>)..... “	7.1	310	43.76	1750	2.29	45.8
“ “ “ “.....in ½ barrels	3.7	180	50.23	2009	1.99	39.8
“ “ “ “.....in ¼ “	1.11	100	52.17	2087	1.92	38.4

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

A

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Ale and Beer, in glass.....in barrels	7.	248	35.43	1417	2.82	56.4
“ “ “ “in boxes	4.2	134	32.16	1286	3.11	62.2
“ “ “ “in patent cases	4.	100	25.	1000	4.	80.
Alkali .....in casks	27.9	1825	65.77	2631	1.52	30.4
Allspice .....in boxes	3.1	73	23.68	947	4.22	84.4
“in bags	6.	115	19.17	767	5.22	104.4
Almanacs.....in cases	12.1	362	29.96	1198	3.34	66.8
Almonds .....in bags	5.5	95	17.53	701	5.70	114.
“in casks	48.2	810	17.74	709	6.	120.
Alum.....in barrels	5.10	338	57.94	2318	1.72	34.4
“ Porous.....“	7.10	423	54.	2160	1.85	37.
“ C. T. S.....“	8.5	359	42.65	1706	2.34	46.8
Ammonia, Carb.....“	9.6	392	41.26	1650	2.42	48.4
“ in 5 gallon tins.....in boxes	1.1	45	41.54	1662	2.41	48.2
“ in boxes.....crated	1.10	72	39.27	1571	2.55	51.
Ammunition, Fixed, Cartridges, Selby..in cases	.10	65	78.	3120	1.28	25.6
“ “ “ U. S. Target “	.07	45	77.14	3086	1.31	26.2
“ “ 500 S. G.....in boxes	.10	62	74.40	2976	1.35	27.
Anchors. <i>See Iron.</i>						
Anvils. “						
Apollinaris Water, in glass.....in cases	5.1	200	39.34	1574	2.54	50.8
Arrow and other ties.....each	.4	55	165.	6600	.60	12.
Asbestos Board.....in cases	9.7	350	36.52	1461	2.77	55.4
Ash, Pot.....in barrels	9.4	531	59.89	2275	1.75	35.
“ “in boxes	1.10	69	37.64	1506	2.66	53.2
“ Bone.....in barrels	8.5	460	54.65	2186	1.83	36.6
“ “in boxes	1.10	100	54.55	2182	1.84	36.8
Asphaltum, solid.....unpacked	11.	455	41.36	1654	2.42	48.4
Axes, double.....in boxes	1.8	110	66.	2640	1.52	30.4
“ single.....“	.6½	63	115.	4600	.86	17.2
“ helved.....“	2.6	78	31.20	1248	3.21	64.2
Axe Helves.....in crates	5.1	123	24.20	968	4.13	82.6

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

B

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet Per Ton.
Babbitt Metal.....in boxes	4.	350	87.50	3500	1.14	22.8
Backing, Picture.....in bundles	2.7	60	23.23	929	4.30	86.
Bacon.....in hogsheads	36.5	1189	32.65	1306	3.06	61.2
“.....in barrels	7.7	247	32.57	1303	3.07	61.4
“.....in cases	12.03	526	42.94	1718	2.33	46.6
“.....in boxes	7.2	254	35.44	1418	2.82	56.4
“.....in crates	5.5	189	34.89	1396	2.87	57.4
“.....in bags	2.2	82	37.85	1514	2.64	52.8
Bags.....in bales	19.10	341	17.19	688	5.82	116.4
“ (1000) Grain, imported compressed. “	18.4	800	43.64	1746	2.30	46.
“ “ re-packed (500)..... “	14.1	380	26.98	1079	3.71	74.2
“.....in bundles	7.9	75	9.68	387	10.33	206.6
“ Paper. <i>See Paper Bags.</i>						
“ Traveling.....in cases	31.1	241	7.75	310	12.90	258.
Bagging, Jute.....in bales	29.1	727	25.	1000	4.	80.
“ “.....in rolls	10.10	167	15.42	617	6.49	129.8
“ Gunny.....in bales	12.	290	24.17	967	4.13	82.6
“ Cherokees..... “	5.9	90	15.65	626	6.39	127.8
Baking Powders.....in barrels	11.10	348	29.41	1177	3.40	68.
“ “.....in boxes	1.	37	37.	1480	2.70	54.
“ Pans, sheet-iron, nested.....in crates	11.7	530	45.76	1830	2.18	43.6
Bandboxes.....in nests	4.2	19	4.56	182	21.93	438.6
Bark, Chitwood (Cascara).....in bags	13.11	249	17.89	716	5.58	111.6
“ Cinnamon.....in bundles	4.10	102	21.10	844	4.73	94.6
“ Sassafras.....in barrels	8.5	110	13.07	523	7.65	153.
“ Tanners'.....in sacks	3.9	85	22.67	907	4.41	88.2
Barley..... “	3.2	100	31.58	1263	3.17	63.4
“ (<i>see table</i>).....per bushel						
“ Cracked..... “	3.4	89	26.70	1068	3.75	75.
“ Pearl.....in boxes	.8	30	45.	1800	2.02	40.4
Barrels, empty, Pork.....each	7.	200	28.57	1143	3.50	70.
“ “ Oil..... “	11.4	65	5.74	230	17.42	348.4
“ “ Molasses..... “	9.6	55	5.79	232	17.27	345.4
“ “ Vinegar..... “	8.1	75	9.28	371	10.78	215.6

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

B

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Barrow Trays.....in bundles	10.1	205	20.33	813	4.92	98.4
Base-ball Bats.....in crates	9.4	200	21.43	857	4.67	93.4
Baskets.....in nests	32.11	115	3.49	140	28.65	573.
“.....in bundles	8.	26	3.25	130	30.77	615.4
“ Work.....in packages	6.	09	1.50	60	66.67	1333.4
“ Splint, nested.....in crates	48.7	164	3.38	135	29.60	592.
Bath Tubs.....each	16.3	106	6.52	261	15.34	306.8
Batting, Cotton.....in bales	6.2	50	8.11	324	12.33	246.6
“ Trusses.....each	32.11	170	5.16	206	19.38	387.6
Beans, dried.....in barrels	6.1	248	40.77	1631	2.45	49.0
“ “.....in sacks	2.1	122	58.56	2342	1.71	34.2
“ “ (see table).....per bushel	.....	.....	.....	.....	.....	.....
“ Castor.....“	1.3	46	36.80	1472	2.72	54.4
“ Vanilla.....in boxes	.6	15	30.	1200	3.33	66.6
Bedding.....in bundles	13.6	81	6.	240	16.67	333.4
Bed Springs, coiled wire.....in boxes	27.7	755	27.37	1095	3.65	73.
“ “.....in cases	48.10	1072	21.95	878	4.56	91.2
“ “.....flat, 2 in bundle	24.4	180	7.40	296	13.51	270.2
“ “ wooden slats.....in bundles	21.4	50	2.34	94	42.74	854.8
“ “ rolled.....“	9.8	44	4.55	182	21.98	439.6
Beef.....in barrels	7.	352	50.29	2012	1.99	39.8
“.....in ½ “	3.3½	170	51.65	2066	1.93	38.6
“.....in ¼ “	1.11	100	52.17	2087	1.92	38.4
“ dried, chipped.....in boxes	1.	30	30.	1200	3.34	66.8
“ pressed, in cans.....“	.8	30	45.	1800	2.22	44.4
“ smoked.....in crates	2.10	100	35.30	1412	2.84	56.8
“ sugar-cured, smoked.....in boxes	1.8	75	45.	1800	2.22	44.4
“ tierces, empty.....each	11.	65	5.91	236	16.92	338.4
Bee Hives, S.U.....“	4.5	30	6.79	272	14.81	296.2
Beer (see also Ale and Beer).....10 gallons, in kegs	3.8	140	38.18	1527	2.62	52.4
“.....5 “ “	2.2	70	32.31	1292	3.13	62.6
Beet, California.....each	4.5	154	34.87	1395	2.87	57.4
Bells, Farm.....in boxes	6.8	95	14.25	570	7.02	140.4
“ with iron frames.....each	21.	217	10.33	413	9.68	193.6

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

B

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet Per Ton.
Bellows (<i>see also table</i>).....each	11.4	107	9.44	378	10.59	211.8
Belting, Leather..... in bales	3.10	175	45.65	1826	2.19	43.8
“ “in rolls	5.3	175	33.34	1334	3.	60.
“ Rubber .....in bales	5.3	261	49.71	1988	2.01	40.2
“ “in rolls	3.4	180	54.	2160	1.85	37.
Benzine.....in barrels	10.1	345	34.21	1368	2.92	58.4
Bicycles, Boys'.....in boxes	8.6	30	3.53	141	28.33	566.6
Binders' Boards.....in bundles	.8	50	75.	3000	1.33	26.6
Bird Food (in paper boxes).....in cases	1.3	40	32.	1280	3.13	62.6
“ Seed. <i>See Seed, Canary.</i>						
“ Cages, wire.....each	3.6	15	4.29	172	23.31	466.2
Biscuit.....in barrels	5.9	86	14.96	598	6.67	133.4
“in cases	12.	200	16.67	667	6.	120.
Bitters, N.O.S.....in boxes	.11	40	43.63	1745	2.29	45.8
“ “in cases	.10	28	33.60	1344	2.98	59.6
Bituminous Rock, California.....in bulk	1.	91	91.	3640	1.10	22.
Blacking, Shoe.....in barrels	7.2	284	39.63	1585	2.52	50.4
“ “in boxes	6.1	289	47.51	1900	2.11	42.2
“ “in crates	2.11	75	25.71	1028	3.89	77.8
“ Stove.....in boxes	1.2	55	47.14	1886	2.12	42.4
Black Lead.....in barrels	6.6	245	37.69	1508	2.65	53.
“ “ Raleigh..... “	7.1	513	72.42	2897	1.38	27.6
Blankets.....in bales	15.7	286	18.35	734	5.45	109.
“in cases	39.9	617	15.52	621	6.44	128.8
Bleaching Powder.....in casks	29.5	1500	50.99	2040	1.96	39.2
Blinds, Window.....in packages	11.4	125	11.03	441	9.07	181.4
Blocks, Ship's.....in cases	16.	590	36.88	1475	2.71	54.2
“ “in tierces	3.10	156	40.70	1628	2.46	49.2
“ Tackle.....in barrels	8.11	245	27.48	1099	3.64	72.8
Blower's Fans.....each	11.6	336	29.22	1169	3.42	68.4
Blueing (<i>see Wash Blue</i>).....in boxes	3.4	76	22.80	912	4.39	87.8
Bluestone.....in casks	22.10	1249	54.70	2188	1.83	36.6
“in ½ barrels	4.3	243	57.18	2287	1.75	35.
“in boxes	1.8	120	72.	2880	1.39	27.8

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

B

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Boilers, galvanized iron..... each	9.8	105	10.86	434	9.21	184.2
“ copper..... in boxes	9.4	145	15.54	622	6.44	128.8
“ tin..... in packages	3.	29	9.67	387	10.34	206.8
“ steam.....each	3873.2	6545	1.69	68	59.18	1183.6
Boiler Iron. (<i>See table.</i>)						
Bolls, iron. (<i>See Iron.</i>)						
Bones.....in sacks	5.9	90	15.65	626	6.39	127.8
Boneblack, granulated..... “	4.10	153	31.66	1266	3.16	63.2
Books..... in cases	6.1	198	32.55	1302	3.07	61.4
“ Export..... “	3.5	125	36.59	1464	2.73	54.6
Boots and Shoes..... “	5.4	78	14.63	585	6.84	136.8
“ “in trunks	4.6	81	18.00	720	5.56	111.2
Borax, refined..... in barrels	8.5	337	40.04	1602	2.49	49.8
“ powdered..... “	8.5	325	38.61	1544	2.59	51.8
“in boxes	3.2	130	41.05	1642	2.48	49.6
Boring Machines..... “	1.8	127	76.20	3048	1.31	26.2
Bottles, empty..... in hogsheads	32.5	829	25.57	1023	3.86	77.2
“ “in casks	22.5	406	18.11	724	5.52	110.4
“ “in barrels	5.11	132	22.31	892	4.48	89.6
“ “in crates	8.10	164	18.57	743	5.39	107.8
“ “in hampers	19.7	215	10.98	439	9.11	182.2
“ “ Soda.....in crates	.11	30	32.73	1309	3.06	61.2
“ “ in straw.....in bales	9.10	216	21.97	879	4.55	91.
“ “ N.O.S.....in boxes	8.3	195	23.64	946	4.23	84.6
Boxes, empty, Cake.....each	2.	14	7.00	280	14.29	285.8
“ “ Cracker..... “	4.2	11	2.64	106	37.88	757.6
“ “ Cigar.....in crates	7.11	75	9.47	379	10.46	209.2
“ “ Fruit, nested..... “	6.	100	16.67	667	6.00	120.
Box, boards.....in bundles	3.9	112	29.77	1191	3.35	67.
Brackets, wood..... in cases	26.1	260	9.97	399	10.03	200.6
Bran.....in sacks	3.4	72	21.60	864	4.62	92.4
Brass Tubes.....in bundles	1.10	88	48.00	1920	2.08	41.6
“ Castings.....in barrels	7.8	970	126.52	5061	.79	15.8
Bread Matzos.....in boxes	5.3	62	11.81	472	8.47	169.4

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

B

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Brick.....in boxes	1.	60.	60.	2400	1.67	33.4
“ Fire.....“	6.2	425.	68.88	2755	1.45	29.
“ “.....each	$\frac{1}{4}$	7.	168.	6720	.60	12.
“ common dry.....“	$\frac{1}{18}$	5.38	97.	3880	1.03	20.6
“ “ wet.....“	$\frac{1}{18}$	6.63	119.	4760	.84	16.8
“ pressed dry.....“	$\frac{1}{17}$	5.07	86.	3440	1.16	23.2
“ “ wet.....“	$\frac{1}{17}$	6.07	103.06	4122	.96	19.
“ London Stock.....“	$\frac{1}{17}$	6.81	115.77	4431	.86	17.2
“ Red Kiln, London Stock.....“	$\frac{1}{17}$	7.	119.	4760	.84	16.8
“ Welch Fire, “ “.....“	$\frac{1}{16}$	7.84	125.44	5018	.80	16.
“ Paving.....“	$\frac{1}{21}$	5.	105.	4200	.95	19.
“ Dutch Klinkers.....“	$\frac{1}{4}$	1.55	83.70	3348	1.19	23.80
Brimstone.....in barrels	8.	493	61.63	2465	1.62	32.4
“.....in boxes	2.2	200	92.31	3692	1.08	21.6
Brooder.....each	6.11	50	7.23	289	13.83	276.6
Brooms, 1 doz.....in packages	7.7	25	3.30	132	30.30	606.
“ 2 “.....“	14.4	50	3.49	140	28.63	573.
“ 5 “.....in crates	16.10	138	8.20	328	12.20	244.
“.....in bales	29.	171	5.90	236	16.95	339.
Broom Corn.....“	27.5	240	8.75	350	11.43	228.6
“ Compressed.....“	26.7	316	11.89	476	8.41	168.2
Broom Corn Straws, in bdls., compres'd “	9.8	107	11.07	443	90.33	1806.6
Brush Hooks, with handles.....in bundles	.10	22	26.40	1056	3.79	75.8
Brushes, Shoe and Scrub.....in cases	14.3	214	15.02	601	6.66	133.2
Buckets.....in nests	7.4	82	11.18	447	8.96	179.2
“.....in packages	5.5	40	7.38	295	13.55	271.
“ Well.....in hampers	22.	99	4.50	180	22.22	444.4
“ “.....per dozen	12.8	70	5.52	220	18.12	362.4
“ “ nested.....per $\frac{1}{2}$ dozen	4.3	60	14.12	565	7.08	141.6
“ “.....in packages	6.	40	6.67	267	14.99	299.8
“ Water.....in boxes	6.9	63	9.34	374	10.71	214.2
“ Gal. Iron, East'n Mfg, 1 doz, 10 qt., n'st'd	1.9	39	22.29	892	4.49	89.8
“ “ “ I “ 14 “ “	2.2	47	21.69	868	4.61	92.2
“ “ Western “ I “ 14 “ “	1.9	33	18.86	754	5.30	106.

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

B

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet Per Ton.
Buckets, Gal. Iron, Western Mfg, 1 doz, 18 qt. n'st'd	2.9	43	15.64	626	6.39	127.8
“ covered..... in packages	3.5	22	6.44	258	15.53	310.6
Buckwheat. <i>See Flour.</i>						
“ (<i>see table</i>)..... per bushel						
Burial Cases, Eastern..... in cases	20.11	240	11.48	459	8.71	174.2
“ “ Pacific Coast. “	30.6	340	11.15	446	8.97	179.4
Burlaps..... in bales	43.1	1658	38.48	1539	2.60	52.
“ Imported, compressed “	18.4	800	43.64	1746	2.30	46.
Burr Stones, large each	11.3	1270	112.88	4515	.90	18.
“ “ small..... “	4.6	600	133.34	5334	.75	15.
Butter..... in barrels	8.2	393	48.12	1925	2.08	41.6
“ in ½ barrels	3.4	125	37.50	1500	2.67	53.4
“ in firkins	3.3	133	40.92	1637	2.44	48.8
“ in tubs	1.11	66	34.43	1377	2.90	58.
“ in cases	6.5	275	42.86	1714	2.33	46.6
“ in boxes	2.10	98	34.59	1384	2.80	57.8
Butter Dishes, in packages..... crated	3.5	45	13.17	527	7.59	151.8
“ “ wood..... in packages	3.2	42	13.26	530	7.54	150.8
Butts. <i>See Iron.</i>						
Bicycles..... crated	24.	85	3.13	125	31.92	638.4

C

Cabbage, large..... in crates	60.2	1162	19.31	772	5.18	103.6
“ small..... “						
“ in casks	33.9	639	18.93	757	5.28	105.6
“ in hampers	13.5	270	20.12	805	4.97	99.4
“ in barrels	8.7	144	16.78	671	5.96	119.2
“ pickled in casks	17.2	725	42.23	1689	2.37	47.4
Cabinet Ware. <i>See Furniture.</i>						
Cake Boxes. <i>See Boxes, Empty.</i>						
Cakes..... in boxes	4.8	80	17.14	686	5.83	116.6
Calcium Gas Cylinders..... each	2.7	57	22.06	882	4.53	90.6
“ “ “ “	3.6	73	20.85	834	4.79	95.8

UNIVERSITY OF CALIFORNIA MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

C

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Calcium Gas Cylinders.....each	4.4	80	18.46	738	5.42	108.4
“ “ “ “.....“	4.8	92	19.71	788	5.07	101.4
Candies.....in barrels	5.5	198	36.55	1462	2.64	52.8
“.....in cases	4.3	150	35.29	1412	2.83	56.6
“.....in boxes	2.3	73	32.44	1298	3.08	61.6
“.....in buckets	1.6	35	23.33	933	4.29	85.8
Candles.....in boxes	1.9	49	28.	1120	3.57	71.4
“ Wax, 14 oz.....“	.7	21	36.	1440	2.78	55.6
“ “ 16 oz.....“	.8	24	36.	1440	2.78	55.6
Canned Goods, N.O.S., 2-lb. can.....“	1.1	50	46.15	1846	2.17	43.4
“ “ “ 2½-lb. can.....“	1.6	67	44.67	1787	2.24	44.8
“ “ “ 1-gal. tins.....in cases	2.5	104	43.03	1721	2.32	46.4
“ “ “.....in boxes	1.7½	71	43.69	1748	2.29	45.8
Cannon Balls, 6 in.....	.2	28	168.	6720	.60	12.
Cans, Empty. <i>See Tin Cans.</i>						
Caps and Hats. <i>See Hats and Caps.</i>						
Car Bumpers. <i>See Iron.</i>						
“ Spring, Rubber.....each	1.	90	90.	3600	1.11	22.2
Carriages. <i>See Vehicles.</i>						
Carpet Hemp.....in rolls	7.6	150	20.	800	5.	100.
Carpeting, Brussels.....“	7.7	110	14.51	580	6.89	137.8
“ Velvet.....“	5.4	90	16.88	675	5.92	118.4
“ Ingrain.....“	7.11	145	18.32	733	5.46	109.2
“ Hemp D.....in bales	46.	1080	23.48	939	4.26	85.2
“ N.O.S.....“	9.7	158	16.49	660	6.06	121.2
“ “.....in rolls	6.8	134	20.10	804	4.98	99.6
Carpet Lining.....in bales	17.6	145	8.29	332	12.06	241.2
“ “ small.....“	8.4	85	10.20	408	9.80	196.
“ “.....in rolls	2.10	50	17.65	706	5.67	113.4
Cartridges, Blank (<i>see fixed Ammunition</i>).....in cases	11.2	200	17.90	716	5.59	111.8
Cassimere, Cotton Warp, in bolts.....“	20.7	355	17.29	692	5.78	115.6
Carts. <i>See Vehicles.</i>						
Casings, Sheep.....in packages	2.	95	47.50	1900	2.11	42.2
Casting, Iron. <i>See Iron.</i>						

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

C

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Castor Oil.....in boxes	3.	130	43.33	1733	2.31	46.2
Casters, Roller.....in barrels	8.5	445	52.87	2115	1.89	37.8
Catsup....."	9.6	450	47.37	1895	2.34	46.8
".....in kegs	11	35	38.18	1527	2.62	52.4
".....in boxes	1.6	51	34.	1360	2.94	58.8
Cattle Food, Prepared....."	2.7	100	38.71	1548	2.58	51.6
" Powders....."	1.	35	35.	1400	2.86	57.2
Celery Seed. <i>See Seed.</i>						
Celery, Beef and Iron, in glass.....in boxes	1.5	50	35.29	1412	2.83	56.6
Cement, Roofing.....in barrels	5.5	310	57.23	2289	1.75	35.
" Rosendale....."	6.	360	60.	2400	1.67	33.4
" Portland....."	6.	400	66.67	2667	1.50	30.
" Roman.....per bushel	1.3	80	64.	2560	1.56	31.2
" Rosendale....."	1.3	96	76.80	3072	1.30	26.
" Portland....."	1.3	110	88	3520	1.14	22.8
Chain.....in barrels	5.7	662	118.72	4749	.84	16.8
".....in boxes	3.	300	100.	4000	1.	20.
" Harness.....in casks	4.	364	91.	3640	1.10	22.
Chairs and Chair Stuff. <i>See Furniture.</i>						
Chalk.....in boxes	8.10	232	26.26	1050	3.82	76.4
Champagne. <i>See Liquor.</i>						
Charcoal, pulverized.....in hogsheads	23.	762	33.13	1325	3.02	60.4
" ".....in barrels	8.5	230	27.33	1093	3.66	73.2
Charts.....in cases	15.5	265	17.19	688	5.82	116.4
Cheese....."	4.4	131	30.23	1209	3.31	66.2
".....in boxes	1.2	45	38.57	1543	2.59	51.8
".....in drums	1.8	65	39.	1560	2.56	51.2
" Swiss.....in tubs	22.2	791	35.68	1427	2.80	56.
" Safes.....each	7.7	30	3.96	158	25.25	505.
Cheroots.....in packages	5.3	142	27.05	1082	3.70	74.
Chestnuts.....in barrels	5.5	142	26.22	1049	3.81	76.2
Chewing Gum.....in boxes	1.6	31	20.67	827	4.84	86.8
Chicory.....in casks	25.	573	22.92	917	4.36	87.2
".....in barrels	7.5	258	34.79	1392	2.90	58.

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

C

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Child's Cradles, K.Din bundles	4.2	118	28.32	1133	3.53	70.6
Chickens, broilers, in coops.each	18.3	195	10.68	427	9.36	187.2
“ ““	18.3	290	15.89	636	6.30	126.
Chimneys, Lamp.in barrels	7.8	50	6.52	261	15.34	306.8
China Ware.in casks	20.	346	17.30	632	5.78	115.6
“ “in tierces	14.1	191	13.56	542	7.37	147.4
“ “in cases	39.4	395	10.04	402	9.96	199.2
“ “ Majolica.in casks	29.5	260	8.84	354	11.31	226.2
Chocolate, export.in boxes	3.7	180	50.23	2009	1.99	39.8
“ in boxes (5 boxes).crated	2.11	132	45.25	1810	2.21	44.2
“ ground, in boxes.“	5.4	152	28.50	1140	3.51	70.2
“ “in boxes	.9	24	32.	1280	3.13	62.6
Chromos.crated	5.7	53	9.49	380	10.56	211.2
Churns, common.“	3.5	16	4.68	187	21.37	427.4
“ Cylinder, 6 No. 1.“	7.10	65	8.30	332	12.05	241.
“ Cylinder, 6 No. 2.“	11.8	80	6.86	274	14.72	294.4
Cider.in barrels	8.1	360	44.54	1782	2.25	45.
“ in glass.in boxes	1.11	68	35.48	1419	2.51	50.2
Cider Mills, hand.each	12.9	160	12.55	502	7.97	159.4
Cigars, in boxes.in cases	9.6	173	18.21	728	5.49	109.8
Cigarettes (50 M).“	18.	372	20.67	827	4.84	96.8
“ (25 M).“	8.9	182	20.80	832	4.81	96.2
Citrons. <i>See Fruit.</i>						
Clay, Kaolin.in casks	28.4	1969	69.49	2780	1.44	28.8
Clocks.in cases	6.4	80	12.63	505	7.92	158.4
Clothes Pins.in boxes	1.1	20	18.46	738	5.42	108.4
Clothing.in cases	12.5	220	17.72	709	5.65	113.
“in boxes	9.2	176	19.20	768	5.21	104.2
“in trunks	6.3	95	15.20	608	6.58	131.6
Clover Seed. <i>See Seed.</i>						
Coal (<i>see table</i>).in hogsheads	37.1	1203	32.44	1298	3.08	61.6
Coal, Cumberland.in bags	5.10	250	42.86	1714	2.33	46.6
Coal and Iron Facings. <i>See Iron.</i>						
Coal Hods, galvanized iron.in bundles	3.	21	7.	280	14.29	285.8

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

C

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Coal Hods, sheet iron.....in bundles	3.	18	6.	240	16.67	333.4
Coal Oil. <i>See Oil.</i>						
Coal Tar. <i>See Tar.</i>						
Cocoa.....in boxes	.10	25	30.	1200	3.33	66.6
“ in boxes.....crated	4.	123	30.75	1230	3.25	65.
“ Shells.....in boxes	2.4	35	15.	600	6.66	133.2
“ Shells, pulverized.....in bags	4.10	50	10.34	414	9.67	193.4
“ Matting. <i>See Matting.</i>						
“ Butter.....in cases	2.	87	43.50	1740	2.30	46.
Cocoonut, desiccated.....in boxes	1.9	35	20.	800	5.	100.
Cocoonuts.....in bags	5.4	300	55.25	2250	1.78	35.6
Cod Fish. <i>See Fish.</i>						
Cod Liver Oil. <i>See Oil.</i>						
Coffee, Green.....in bags	3.6	133	38.	1520	2.63	52.6
“ Roasted.....“	3.6	113	32.29	1292	3.10	62.
“ “ in tins.....in cases	5.11	130	21.97	879	4.55	91.
“ “ “.....in boxes	3.3	70	21.54	862	4.64	92.8
“ “.....in barrels	7.3	129	17.79	712	5.62	112.4
“ “.....in ½ “	4.	70	17.50	700	5.71	114.2
“ Ground.....in “	6.2	123	19.94	798	5.01	100.2
“ “.....in ½ “	2.10	65	22.94	918	4.36	87.2
“ “.....in boxes	3.6	85	24.29	972	4.12	82.4
“ Essence of.....“	.8	30	45.	1800	2.22	44.4
Coffee Mills. <i>See Mills.</i>						
Coffins. <i>See Burial Cases.</i>						
Coffin Trimmings, plain metal.....in cases	5.4	213	39.94	1598	2.50	50.
“ Lumber, finished, K.D. ....crated	22.9	241	10.60	424	9.43	188.6
Coffins, metallic.....each	18.5	236	12.81	512	7.81	156.2
Coke.....in sacks	3.8	112	16.80	672	5.95	119.
Collars, horse and mule.....in bundles	5.6	49	8.91	356	11.22	224.4
“ “ “.....in bales	7.2	75	10.47	419	9.53	190.6
Concentrated Lye. <i>See Lye.</i>						
Coops, Chicken, wire.....each	18.3	70	3.84	154	26.04	520.8
“ Turkey “.....“	26.6	80	3.02	121	33.11	662.2

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

C

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet Per Ton.
Coops, Turkey, wood.....each	16.11	52	3.07	123	32.57	651.4
Condition Powders animal.....in boxes	2.1	70	33.60	1344	2.98	59.6
Confectionery.....“	5.2	170	32.90	1316	3.04	60.8
Copper, Cast, Sheet, and Wire. <i>See table.</i>						
“ Shells.....in kegs	5.1	195	38.36	1534	2.61	52.2
“ Sulphate.....in barrels	7.1	391	55.20	2208	1.81	36.2
Cordage.....in bales	7.	148	21.14	846	4.73	94.6
“in bags	2.5	65	26.89	1076	3.72	74.4
Corks.....in boxes	1.8	20	12.	480	8.33	166.6
“in bags	13.7	79	5.81	232	17.21	344.2
Cork Packing.....in bales	25.5	177	6.96	278	14.37	287.4
Corn, shelled (<i>see table.</i>).....per bushel						
“ “in sacks	3.4	127	38.10	1524	2.62	32.4
“ in ear (<i>see table.</i>).....per bushel						
“ Husks.....in bales	5.8	30	5.29	212	18.90	378.
“ Shellers. <i>See Agricultural Implements.</i>						
“ Meal. <i>See Meal.</i>						
“ Starch. <i>See Starch.</i>						
Corsets.....in cases	32.4	391	12.09	484	8.27	165.4
“in boxes	5.9	65	11.30	452	8.85	177.
Cotton, uncompressed.....in bales	39.9	466	11.72	469	8.56	171.2
“ compressed.....“	27.7	475	17.22	689	5.81	116.2
“ Bales, standard average 460.	26.9	460	17.16	686	5.88	117.6
“ Piece Goods.....in cases	20.2	569	28.22	1129	3.55	71.
“ Sea Island.....in bags	30.10	304	9.86	394	10.14	202.8
Cotton Goods, imported. <i>See table.</i>						
“ Cards.....in boxes	2.2	41	18.92	757	5.29	105.8
“ Knitting.....in cases	24.7	277	11.27	451	8.87	177.4
“ Scales.....in boxes	21.2	350	16.53	661	6.	120.
“ Seed.....in bags	.7	53	90.86	3534	1.10	22.
“ Ties.....in packages	.4	55	165.	6600	.61	12.2
“ Tie Buckles.....in casks	5.11	507	85.69	3428	1.17	23.4
“ Yarn.....in bales	14.1	250	17.75	710	5.63	112.6
“ “in bundles	7.6	50	6.67	267	14.99	299.8

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

C

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Cotton Waste.....in bales	50.3	665	13.23	529	7.56	151.2
“ Drills. <i>See Agricultural Implements.</i>						
“ Gins. “ “ “						
“ Feeders. “ “ “						
“ Condensers. “ “ “						
“ Thread. <i>See Thread.</i>						
“ Seed Oil. <i>See Oil.</i>						
Cots. <i>See Furniture.</i>						
Covers.....in packages	5.2	37	7.16	286	13.97	279.4
Crackers.....in barrels	5.3	80	15.24	610	6.56	131.2
“in cases	13.	191	14.69	588	6.81	136.2
“ Soda..... “	4.2	71	17.04	682	5.87	117.4
“in boxes	2.3	44	19.56	782	5.11	102.2
Cranberries. <i>See Fruit.</i>						
Creamers.....in cases	22.2	180	8.12	325	12.32	246.4
Cream Tartar.....in boxes	.8	30	45.	1800	2.22	44.4
Crockery.....in crates	49.10	1097	22.01	880	4.54	90.8
“in hogsheads	43.	652	15.16	606	6.60	132.
“in casks	23.1	270	11.70	468	8.55	171.
“in tierces	20.7	250	12.15	486	8.23	164.6
“in barrels	8.11	110	12.34	494	8.10	162.
Croquet Sets, A $\frac{1}{4}$.....in cases	13.4	110	8.25	330	12.12	242.4
“ “ A $\frac{1}{2}$ “	15.9	215	14.18	567	7.05	141.
“ “ A., B., C., D., E..... “	10.8	132	12.38	495	8.01	160.2
“ “ G..... “	9.7	100	10.43	417	9.68	193.6
“ “ H..... “	13.3	155	12.45	498	8.03	160.6
Cross Ties, wood.....each	3.4	160	48.	1920	2.08	41.6
Crucibles, “ 7”.....in casks	24.6	360	14.69	588	6.81	136.2
“ “ 8”..... “	24.6	450	18.37	735	5.44	108.8
“ “ 9”..... “	31.2	500	16.	640	6.25	125.
“ “ 10”..... “	36.9	700	19.	760	5.26	105.2
“ U, 1000..... “	40.9	640	15.70	628	6.36	127.2
“ E, “..... “	40.9	750	18.40	736	5.43	108.6
“ V, “..... “	33.	465	14.09	564	7.10	142.

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

C-D

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Crucibles.....in tierces	32.6	607	18.68	747	5.35	107.
Cryolite.....in barrels	6.6	460	70.77	2831	1.41	28.2
Cultivators. <i>See Agricultural Implements.</i>						
Currants. <i>See Fruit.</i>						
Curtain Rods .....in cases	82.9	700	8.46	338	11.83	236.6
Cutlery. <i>See Hardware.</i>						
D						
Dates. <i>See Fruit.</i>						
Deer Skins, dry.....in bales	4.5	53	12.	480	8.33	166.6
Demijohns, empty.....each	1.9	7	4.	160	25.	500.
“ “in bundles	20.3	147	7.26	290	13.97	279.4
“ “in boxes	2.2	49	22.62	905	4.42	88.4
Domestic Sheeting. <i>See Sheetting.</i>						
Denims.....in cases	23.4	662	28.37	1135	3.53	70.6
Dolls, Child's.....“	6.10	135	19.76	750	5.06	101.2
Dope.....in barrels	11.11	417	35.	1400	2.86	57.2
Doors, unboxed.....each	2.6	40	16.	640	6.25	125.
Doors .....boxed	31.8	486	15.35	614	6.51	130.2
Drain Pipe. <i>See Pipe.</i>						
Drugs and Medicines.....in barrels	5.4	120	22.50	900	4.44	88.8
“ “in cases	4.2	101	24.24	970	4.13	82.6
“ “ Patent, N.O.S.....in boxes	2.10	103	36.35	1454	2.75	55.
Drums, Toy.....“	2.	36	18.	720	5.56	111.2
“ Iron. <i>See Iron Drums.</i>						
Dry Goods.....in bales	9.8	209	21.62	865	4.63	92.6
“ “in cases	25.4	530	20.92	837	4.78	95.6
Duck, Canvas.....in bales	5.9	194	33.74	1350	2.96	59.2
Dyes.....in boxes	2.	31	15.50	620	6.45	129.
Dye Stuffs.....in casks	21.9	1137	52.28	2091	1.91	38.2
Dye Stuff, dry, imported.....in cases	3.6	170	48.57	1943	2.06	41.2
Dyewood.....in barrels	8.5	158	18.77	751	5.33	106.6

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

E

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Earth. <i>See table.</i>						
Earthenware.....in crates	46.7	814	17.47	699	5.72	114.4
“.....in hogsheads	34.6	670	19.42	777	5.15	103.6
“.....in casks	14.2	342	24.14	966	4.14	82.8
“.....in barrels	5.3	55	10.48	419	9.54	190.8
Earthen Water Closets. <i>See Water Closets.</i>						
Eggs, in patent carriers.....each	3.2	70	22.11	884	4.52	90.4
Egg Food for Poultry.....in cases	2.5	97	40.14	1606	2.49	49.8
Elbows, Stove Pipe.....in crates	3.4	15	4.50	180	22.22	444.4
“ “ “.....in bundles	4.10	30	6.21	248	16.10	322.
“ 12, 5-in., 4 wrapped in ring.. “	1.8	10	6.00	240	16.67	333.4
“ 12, 6-in., 4 “ “ “	2.8	12	4.50	180	23.87	477.4
Electric Light Goods.....in cases	8.10	370	41.89	1676	22.22	44.4
Envelopes..... “	7.8	115	15.	600	6.67	133.4
Evaporators, Fruit, No. 1.....each	17.4	150	8.65	346	11.56	231.2
“ “ “ 2..... “	23.8	325	13.73	549	7.29	145.8
“ “ “ 3..... “	58.6	600	10.26	410	9.75	195.
“ “ “ 4..... “	113.1	1000	8.85	354	11.31	226.2
Excelsior, Southern.....in bales	36.2	652	18.03	721	5.55	111.
“ “ Western, large..... “	28.2	235	8.34	334	11.99	239.8
“ “ small..... “	5.8	65	11.47	459	8.72	174.2
Extracts, in glass.....in boxes	2.1	65	32.	1280	3.13	62.6
“ Malt and Hops..... “	1.11	68	35.48	1419	2.82	56.4

F

Facings. <i>See Iron.</i>						
Fan Blower.....each	11.6	386	33.57	1343	2.98	59.6
Fancy Goods.....in cases	12.3	122	9.96	398	10.04	200.8
Fans.....in boxes	8.	56	7.	280	14.29	285.8
Fat.....in barrels	5.7	165	29.55	1182	3.38	67.6
“.....in boxes	1.4	56	42.	1680	2.38	47.6
Faucets..... “	4.5	100	22.64	906	4.42	88.4
Feather Pillows.....in crates	14.5	77	5.34	214	18.73	374.6

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

F

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet Per Ton.
Feathers, compressed.....in bales	28.2	203	7.21	288	13.87	277.4
“.....in bags	17.1	57	3.34	134	29.94	598.8
Felloes. <i>See Vehicles.</i>						
Felt.....in frames	11.7	308	26.59	1064	3.77	75.4
“ tarred.....in rolls	3.	144	48.	1920	2.08	41.6
Felting.....“	7.2	248	34.60	1384	2.89	57.8
“.....in boxes	4.11	108	21.97	879	4.55	91.
Felt Roofing.....in rolls	5.4	102	19.12	765	5.23	104.6
“ Asbestos.....“	3.10	125	32.61	1304	3.07	61.4
Fence Wire, barbed. <i>See Wire.</i>						
Fertilizers.....in barrels	5.6	292	53.09	2124	1.88	37.6
“.....in boxes	2.5	169	69.93	2797	1.43	28.6
Figs. <i>See Fruit.</i>						
Fire Arms (<i>see also Guns</i>).....in cases	7.6	205	27.33	1093	3.66	73.2
Fire Brick. <i>See Brick.</i>						
Fire Crackers.....in packages	2.8	68	25.50	1020	3.92	78.4
“ “.....in boxes	.4	11	33.	1320	3.03	60.6
Fire Works.....“	10.	226	22.60	904	4.42	88.4
Fire Extinguishers, Hand Grenade “	1.5	45	31.76	1270	3.15	63.
Fish, Cod.....in cases	4.6	150	42.22	1689	2.37	47.4
“ “ boneless.....in boxes	1.6	65	43.34	1734	2.31	46.2
“ Fresh.....in casks	35.1	1254	35.74	1430	2.80	56.
“ “.....in kegs	2.5	75	31.03	1241	3.22	64.4
“ Herring .....in ½ barrels	3.6	165	47.14	1886	2.13	42.6
“ “.....in kegs	.5	20	48.	1920	2.09	41.8
“ “.....in boxes	.4	13	39.	1560	2.56	51.2
“ “ boneless.....“	.9	30	40.	1600	2.50	50.
“ Halibut.....“	1.	38	38.	1520	2.63	52.6
“ Mackerel.....in barrels	6.3	294	47.04	1882	2.13	42.6
“ “.....in ½ “	2.11	140	48.	1920	2.09	41.8
“ “.....in kits	.9	38	50.67	2027	1.97	39.4
“ “.....in boxes	1.9	80	45.72	1829	2.19	43.8
“ Salt, except Cod.....in barrels	5.10	300	51.43	2057	1.94	38.8
“ “ “.....in ½ “	2.4	128	54.86	2194	1.82	36.4

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

F

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Fish, Salt, except Cod in $\frac{1}{4}$ barrels	1.9	75	42.86	1714	2.33	46.6
“ “ “ in drums	1.	45	45.	1800	2.22	44.4
“ “ “ in cases	4.8	185	37.86	1514	2.64	52.8
“ Salmon, in brine in barrels	6.7	300	45.57	1823	2.20	44.
“ “ “ in $\frac{1}{2}$ “	3.3	150	46.15	1846	2.17	43.4
“ “ smoked in boxes	2.4	85	36.43	1457	2.74	54.8
“ “ 4 doz. 1-lb. cans. “	1.7	72	45.47	1819	2.21	44.2
“ Sardines “	2.3	65	28.89	1156	3.46	69.2
“ White in tierces	16.4	503	30.80	1232	3.25	65.
“ “ in kegs crated	7.11	270	34.11	1364	2.93	58.6
“ “ in $\frac{1}{2}$ barrels	3.2	143	44.89	1796	2.23	44.6
“ “ in kits	.7 $\frac{1}{2}$	23	36.80	1472	2.72	54.4
“ “ in boxes	.9	40	53.33	2133	1.88	37.6
Fishing Rods, bamboo.	10.6	135	12.86	514	7.78	155.6
Flax-seed. <i>See Seed.</i>						
Flour in barrels	6.3	216	34.56	1382	2.89	57.8
“ “	3.2	109	34.42	1377	2.91	58.2
“ in $\frac{1}{2}$ sacks	2.	98	49.	1960	2.04	40.8
“ in $\frac{1}{4}$ “	1.	49	49.	1960	2.04	40.8
“ Buckwheat in barrels	5.10	220	37.71	1508	2.65	53.
“ “ crated	4.7	160	34.91	1396	2.86	57.2
“ “ small sacks in bales	2.4	100	42.86	1714	2.33	46.6
“ Prepared in bags	3.	100	33.33	1333	3.	60.
Floss in bales	10.2	85	8.36	334	11.91	238.2
Fluters, in boxes crated	2.	59	29.50	1180	3.39	67.8
Fodder, hay in bales	28.10	323	11.20	448	8.93	178.6
Forges, portable. <i>See Iron.</i>						
Forks, Hay. <i>See Agricultural Implements.</i>						
Foundry Facings. <i>See Iron.</i>						
Frames, Picture in cases	11.9	248	21.11	844	4.74	94.8
Friction Matches. <i>See Matches.</i>						
Fruit.						
Apples, dried (<i>see table</i>) per bushel	.....	.....	.....	.....	.....	.....
“ “ in barrels	4.8	175	37.50	1500	2.67	53.4

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

F

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
<i>Fruit—Continued.</i>						
Apples, green.....in barrels	8.5	192	22.81	912	4.38	87.6
“ “in boxes	1.10	50	27.27	1091	3.67	73.4
“ “per bushel	1.3	50	40.	1600	2.50	50.
“ evaporated.....in boxes	1.11	60	31.30	1252	3.13	62.6
Blackberries, dried.....in barrels	6.11	185	26.75	1070	3.74	74.8
Bananas.....in crates	3.8	75	20.45	818	4.89	97.8
Citrons.....“	8.1	224	27.71	1108	3.61	72.2
“ in drums.....in packages	1.4	55	41.25	1650	2.43	48.6
“ preserved.....in drums	.7	26	44.57	1783	2.24	44.8
Cranberries.....in barrels	5.4	128	24.	960	4.17	83.4
“in boxes	1.6½	40	25.95	1038	3.85	77.
Currants, dried, L.....in barrels	9.1	385	42.39	1696	2.36	47.2
“ “ S.....“	7.11	318	40.17	1607	2.49	49.8
“ “in boxes	1.4	60	45.	1800	2.22	44.4
Dates.....in mats	2.4	151	64.71	2588	1.55	31.
Figs.....in drums	4.5	182	41.21	1648	2.43	48.6
“ in drums.....in cases	6.7	259	39.34	1574	2.54	50.8
“ in small boxes.....“	7.10	329	42.	1680	2.38	47.6
“ Cal fresh.....in boxes	.6	27	54.	2160	1.85	37.
Grapes, dried.....in kegs	2.8	65	24.38	975	4.10	82.
“ “in boxes	1.3	60	48.	1920	2.08	41.6
“ with stems.....“	.8	25	37.50	1500	2.67	53.4
“ without stems.....“	.7	25	42.86	1714	2.33	46.6
“ in small boxes.....crated	1.	25	25.	1000	4.	80.
Lemons.....in boxes	2.9	79	28.73	1149	3.48	69.6
Oranges.....in crates	2.2	72	33.23	1329	3.01	60.2
“ Mexican.....in willow crates	4.2	80	19.20	768	5.21	104.2
Peaches, evaporated.....in boxes	.8	28	42.	1680	2.38	49.6
Pears, dried.....in bags	8.2	170	20.82	833	4.80	96.
Prunes.....in casks	44.5	1844	41.52	1661	2.41	48.2
“in ½ barrels	4.5	149	33.74	1350	2.96	59.2
“in boxes	1.3	60	48.	1920	2.08	41.6
“ imported.....in boxes	1.7	81	51.16	2046	1.95	39.

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

F

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton
<i>Fruit—Continued.</i>						
Prunes, Cal., evaporated. in boxes	.7	30	51.43	2057	1.94	38.8
“ imported. in barrels	8.	271	33.97	1359	2.94	58.8
Raisins “ S. in cases	3.2	120	37.89	1516	2.64	52.8
“ “ N. S. in boxes	.7	32	54.86	2194	1.82	36.4
“ “ “ in ½ “	.4	15	45.	1800	2.22	44.4
“ “ “ in ¼ “	.2	8	48.	1920	2.09	41.8
“ Cal. “ in “	.7	25	42.86	1714	2.33	46.6
“ “ twelve quarter boxes. in packages	2.4	75	32.15	1286	3.11	62.2
“ “ eight one-eighth “ “	.8	25	37.50	1500	2.67	53.4
“ “ loose. in barrels	8.5	280	33.27	1331	3.01	60.2
Raspberries, dried. “	8.1	163	20.16	806	4.96	99.2
Tamarinds. in boxes	3.5	59	17.27	691	5.79	115.8
Tomatoes. “	1.9	75	42.86	1714	2.33	46.6
Fruit Jars. “	10.	148	14.80	592	6.76	135.2
“ Jar Caps. “	1.9	62	35.43	1417	2.82	56.4
“ Juice. “	1.8	60	36.	1440	2.78	55.6
“ Trees. <i>See Trees.</i>						
“ Brandy, in glass. in cases	.11	33	36.	1440	2.78	55.6
“ Preserves. in boxes	1.5	59	41.65	1666	2.40	48.
“ Driers. in crates	20.8	275	13.31	532	7.51	150.2
“ Wax. in boxes	.8	30	45.	1800	2.22	44.4
Furnace and Caldron. each	13.2	180	13.66	548	7.32	146.4
<i>Furniture.</i>						
Bedsteads. in boxes	30.3	273	9.02	361	11.09	221.8
“ in bundles	9.4	98	10.50	420	9.52	190.4
“ sides “	4.3	95	22.35	894	4.47	89.4
“ slats. “	.9	23	30.67	1227	3.29	65.8
Bureaus. each	14.4	90	6.28	251	15.92	318.4
Cabinet Ware, K.D. “	18.4	261	14.24	570	7.02	140.4
“ “ S.U. “	40.2	261	6.50	260	15.38	307.6
Chairs, common, K.D. in boxes	15.3	168	11.01	440	9.08	181.6
“ caned, K.D. in bundles	12.3	66	5.39	216	18.55	371.
“ com. rawhide bot'ms, S.U. “	6.2	15	2.43	97	41.15	823.

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

F

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet Per Ton.
<i>Furniture—Continued.</i>						
Chairs, Willow, rocking, L.....in bundles	31.11	37	1.16	46	86.21	1724.2
“ “ “ M..... “	18.11	25	1.32	53	75.75	1515.
“ “ “ S..... “	12.3	19	1.55	62	64.52	1290.4
“ “ N.O.S..... “	14.11	15	1.01	40	99.01	1980.2
“ Dentists', S.U.....crated	30.5	355	11.65	468	8.58	161.6
“ Mohair bottom..... “	43.9	295	6.74	270	14.84	296.8
“ Railroad.....each	.11	30	32.73	1309	3.05	61.2
“ Upholstered..... “	14.6	35	2.41	96	41.49	829.8
“ Folding.....in bundles	14.9	59	4.	160	25.	500.
“ Bentwood..... “	13.3	24	1.81	72	55.25	1105.
“ Perforated Seats..... “	14.9	40	2.71	108	36.90	738.
“ N.O.S.....unboxed	6.8	17	2.55	102	39.22	784.4
“ Wooden bottoms..... “	6.4	21	3.32	133	30.12	602.4
“ Frames.....in bundles	5.10	20	3.43	137	23.15	583.
“ Stuff.....in boxes	9.2	163	17.78	711	5.62	112.4
Cots, K.D.....in bundles	10.6	70	6.67	267	14.99	299.8
Lounges, Bed.....each	43.5	130	3.	120	33.33	666.6
Refrigerator, N.O.S..... “	18.4	273	14.89	536	6.72	134.4
“ Lorellard..... “	59.	456	7.73	309	13.07	261.4
“ S.U., Excelsior..... “	43.	340	7.91	316	12.64	252.8
“ “ Triumph, No. 12.... “	23.11	215	8.99	350	11.11	222.2
“ “ “ No. 13.... “	28.8	250	8.72	349	11.47	229.4
“ “ Ice King, No. 0..... “	8.8	115	13.27	531	7.53	150.6
“ “ “ No. 1..... “	10.6	125	11.90	476	8.40	168.
“ “ “ No. 2..... “	12.7	140	11.13	445	8.98	179.6
“ “ Iceberg, No. 31..... “	10.6	130	12.38	495	8.08	161.6
“ “ “ No. 32..... “	12.7	150	11.92	477	8.39	167.8
“ “ Perfection, No. 23.... “	22.6	235	10.44	418	9.58	191.6
“ “ Buffalo, No. 40..... “	26.2	240	9.17	367	10.90	218.
“ “ “ No. 42..... “	30.7	290	8.09	327	12.36	247.2
“ “ Yucon, No. 140..... “	26.2	240	9.17	367	10.90	218.
“ “ “ No. 142..... “	30.7	290	9.48	399	10.55	211.
“ “ Superior, No. 50.... “	17.9	220	12.39	496	8.07	161.4

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

F

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
<i>Furniture—Continued.</i>						
Refrigerator, S.U., Superior, No. 52 .....each	21.2	260	12.28	491	8.14	162.8
“ “ Glacier, No. 150..... “	17.9	225	12.68	507	7.89	157.8
“ “ “ No. 152..... “	21.2	265	12.52	501	7.98	159.6
“ “ Arctic, No. 6..... “	11.5	160	14.01	560	7.14	142.8
“ “ “ No. 7..... “	13.6	190	14.07	563	7.11	142.2
“ “ “ No. 60..... “	11.5	170	14.89	596	6.72	134.4
“ “ “ No. 70..... “	13.6	200	14.81	592	6.76	135.2
“ “ N. P., No. 8½.....crated	22.6	205	9.11	364	10.98	219.6
“ “ “ No. 9½..... “	26.10	233	8.68	347	11.52	230.4
“ “ “ No. 10..... “	22.4	210	9.40	376	10.64	212.8
“ “ “ No. 7..... “	16.5	170	10.36	414	9.65	193.
“ “ “ No. 07..... “	14.8	154	10.50	420	9.52	190.4
“ “ Ice King, No. 0.... “	12.4	120	9.73	389	10.28	205.6
“ “ “ No. 00.... “	8.11	75	8.41	336	11.89	237.8
“ “ “ No. 1.... “	13.3	135	10.19	408	9.82	196.4
“ “ N. P. Tank, No. 27. “	16.5	180	10.96	438	9.12	182.4
“ “ “ No. 207 “	14.8	162	11.05	442	9.05	181.
Secretaries.....each	10.2	48	4.72	189	21.19	423.8
Filing Cabinets.....in cases	52.	511	9.83	393	10.18	203.6
Sofas, upholstered.....each	32.10	75	2.28	91	43.86	877.2
Tables, K.D.....in boxes	24.1	516	21.42	857	4.67	93.4
“ S.U..... “	5.1	15	2.95	118	33.90	678.
“ S.U., not boxed.....each	7.7	18	2.37	94	42.19	843.8
“ Matted..... “	7.2	16	2.23	89	44.88	896.8
“ Frames..... “	6.7	16	2.43	97	41.15	823.2
“ Patent Kitchen, S.U. “	23.4	90	3.86	154	25.91	518.2
Tete-a-Tete Frames..... “	21.9	37	1.70	68	58.82	1176.4
Washstands..... “	8.4	45	5.40	216	18.52	370.4
Furs, Seal, green, compressed.. ..in barrels	6.9	547	81.04	3242	1.23	24.6
Fuse, Blasting..... “	6.	117	19.50	780	5.13	102.6
Fustic..... “	11.4	502	44.29	1772	2.26	45.2

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

G

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Gambrie.....in bales	2.7	260	100.64	4026	.99	19.8
Garden Seeds. <i>See Seeds.</i>						
Garlic.....in boxes	1 8	37	22.20	888	4.50	90.
Gas Fixtures....."	7.7	106	13.98	559	7.15	143.
" Pipe. <i>See Iron.</i>						
" Retorts.....	74.7	1622	21.75	870	4.60	92.
" Stoves. <i>See Stoves.</i>						
" Meters, dry.....in boxes	32 11	332	10.09	404	9 91	198.2
" " wet....."	49.11	527	10.56	422	9 47	189.4
Gasoline, in iron drums.....each	24 4	850	34.86	1394	2.87	57.4
Gelatine.....in boxes	4.4	60	13.84	554	7.22	144.4
Germea....."	2.3	95	42.22	1689	2.37	47.4
Gin.....in kegs	2.5	93	38.48	1539	2.60	52.
Ginger.....in bags	4.3	116	27.29	1092	3.66	73.2
" Preserves.....in boxes	1.3	45	36.	1440	2.78	55.6
" Ale.....in barrels	5.10	207	35.48	1419	2.82	56.4
" Jamaica, essence.....in boxes	3.9	55	14.67	587	6.81	136.2
Gins, Cotton. <i>See Agricultural Implements.</i>						
Glass, Looking, small.....in cases	11.8	171	14.65	586	6.83	136.6
" Window.....in boxes	2.2	80	36.92	1477	2.71	54.2
Glassware.....in hogsheads	35 11	435	12.12	485	8.25	165.
".....in casks	29.7	227	7.67	307	13.04	260.8
".....in tierces	13.4	127	9.53	381	10.48	209.6
".....in barrels	6 10	68	9.95	398	10.05	201.
".....in cases	17.8	159	9.	360	11.11	222.2
".....in crates	10.9	93	8.66	346	11.52	230.4
".....in trunks	8.9	88	10.06	402	9.94	198.8
Glass Chimneys.....in crates	12.4	122	9.89	396	10.11	202.2
".....in boxes	7.8	50	6.52	261	15.34	306.8
Glucose.....in barrels	12.4	670	54.32	2173	1.84	36.8
Glue.....in casks	44.6	1216	27.33	1093	3.66	73.2
".....in barrels	6.10	153	22.39	896	4.47	89.4
".....in kegs	3.	65	21.67	867	4.61	92.2
" Prepared, 1 gr., S.C.....in boxes	1.	37	37.	1480	2.70	54.

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES

G

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Glue, Prepared, 1 gr., L.C.....in boxes	1.8	66	39.60	1584	2.53	50.6
“ “ 2 doz. ½ pts. “	.8	26	39.	1560	2.56	51.2
“ “ 1 doz. pts..... “	.7	20	34.29	1372	2.92	58.4
“ “ ½ gal., C.....in crates	2.2	74	34.15	1366	2.93	58.6
Glycerine, in cans. ....in boxes	1.1	60	55.38	2215	1.81	36.2
Grain Cradles. <i>See Agricultural Implements.</i>						
“ “ Fingers. “ “						
Granite, Rocklin.....crated	6.6	935	143.85	5754	.70	14.
“ N.O.S. <i>See table.</i>						
Granite Ware. <i>See Stamped Ware.</i>						
Grapes. <i>See Fruit.</i>						
Grape Root.....in sacks	8.	170	21.25	850	4.71	94.2
Grass Mats.....in bundles	5.8	68	12.	480	8.34	166.8
Gravel. <i>See table.</i>						
Grease, Axle.....in hogsheads	33.	1332	40.37	1615	2.48	49.6
“ “in barrels	8.10	482	54.57	2183	1.83	36.6
“ “ in cans.....in cases	4.5	140	31.70	1268	3.15	63.
“ “ “in boxes	2.4½	72	30.31	1212	3.	66.
Grindstones.....each	5.8	664	117.18	4687	.85	17.
Grindstone Rollers.....in boxes	1.4	83	62.25	2490	1.62	32.4
“ Fixtures “	.8	45	67.50	2700	1.48	29.6
Grist Mills. <i>See Mills.</i>						
Groceries, N.O.S.....in cases	2.8	74	27.75	1110	3.60	72.
Ground Peas.....in sacks	4.7	73	15.93	637	6.28	125.6
Guano.....in casks	13.4	992	74.40	2976	1.34	26.8
“in barrels	5.9	194	33.74	1350	2.96	59.2
“in bags	3.2	162	51.16	2046	1.95	39.
“ Spreader. <i>See Agricultural Implements.</i>						
Gum.....in bags	3.11	174	44.43	1777	2.25	45.
“ Arabic.....in cases	7.5	410	55.28	2211	1.85	37.
“ Chewing.....in boxes	1.6	31	20.67	827	4.84	96.8
Gun Caps..... “	1.11	85	44.35	1774	2.25	45.
“ Powder. <i>See table.</i>						
“ “ in cans.....in cases	1.1	46	42.46	1698	2.35	47.

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

G—H

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet Per Ton.
Gun Stocks.....in crates	2.4	30	12.86	514	7.78	155.6
" Wads.....in cases	3.8	125	34.09	1364	2.93	58.6
Guns (<i>see also Fire Arms.</i>)..... "	4.9	150	31.58	1263	3.17	63.4
Gunny Bags.....in bales	20.8	480	23.23	929	4.37	86.
Gypsum.....in barrels	6.9	340	50.37	2015	1.99	39.8
H						
Hair, loose.....in bags	16.4	112	6.86	277	14.58	291.6
" compressed.....in bales	33.8	909	27.	1080	3.70	74.
" Plastering.....in bags	5.	58	11.60	464	8.62	172.4
" Goods.....in cases	6.6	44	6.77	271	14.77	295.4
" Rope.....in bales	14.1	207	14.64	585	6.83	136.6
" Horse..... "	15.9	246	15.62	625	6.40	128.
" Curled, loose.....in sacks	21.7	84	3.89	156	25.70	514.
" " solid..... "	11.4	42	3.70	148	27.03	540.6
" "in bales	7.9	50	6.45	258	15.50	310.
" Pickers, S.U.....each	29.3	215	7.35	294	13.61	272.2
Hams.....in barrels	6.6	230	35.38	1415	2.83	56.6
"in cases	5.9	177	29.33	1173	3.25	65.
Ham, Deviled.....in boxes	.6	15	30.	1200	3.34	66.8
Hames.....in bundles	1.9	54	30.86	1234	3.24	64.8
Handles, Pick.....in crates	6.11	170	24.58	983	4.07	81.4
" "in cases	7.	190	27.14	1086	3.68	67.6
" Hammer.....in crates	1.10	60	32.73	1309	3.06	61.2
" Sledge..... "	3.3	97	27.69	1108	3.61	72.2
Hardware and Cutlery.....in hogsheads	29.5	820	27.87	1115	3.59	71.8
" " "in casks	14.1	421	29.89	1196	3.35	67.
" " "in barrels	5.6	195	35.45	1418	2.82	56.4
" " "in cases	4.9	210	44.21	1768	2.26	45.2
Harness.....in boxes	6.3	82	13.12	525	7.62	152.4
"in crates	9.8	125	12.93	517	7.73	154.6
Harrows. <i>See Agricultural Implements.</i>						
Hassocks.....in bales	9.9	65	6.67	267	14.99	299.8

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

H

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Hats and Caps .....in boxes	9.6	54	5.68	227	17.62	352.4
Hay, compressed, East .....in bales	20.4	262	12.98	515	7.76	155.
“ “ “in ½ “	9.2	143	15.60	624	6.41	128.2
“ “ “in ⅓ “	4.11	105	21.36	854	4.68	93.6
“ “ West.....in “	11.8	200	17.14	686	5.83	116.6
“ “ “in ½ “	7.4	105	14.32	573	6.98	139.6
“ hand pressed, West, large. ....in “	21.5	300	14.01	560	7.14	142.8
“ “ “ small.....in “	16.8	200	12.	480	8.34	166.8
“ coarse, uncompressed. ....in “	28.3	243	8.60	344	11.63	232.6
“ fine “in “	26.4	270	10.25	410	9.75	195.
“ loose.....in mow	512.	2000	3.91	156	25.58	511.6
“ Wire.....in bales	6.	95	15.83	633	6.32	126.4
“ Fodder. <i>See Fodder.</i>						
“ Cutters. <i>See Agricultural Implements.</i>						
“ Forks. “ “						
Heaters, Baltimore Portable.....each	18.11	350	18.50	740	5.41	108.2
“ Drum “	13.11	115	8.26	330	12.11	242.2
“ Base..... “	14.2	140	9.88	395	10.12	202.4
“ Sheathing..... “	20.7	50	2.43	97	41.15	823.
“ Cylinder. “	4.5	100	22.64	906	4.42	88.4
Herbs.....in bags	2.2	13	6.	240	16.67	333.4
Hemp, compressed.....in bales	10.7	280	26.46	1058	3.78	75.6
Hides, dry.....in bundles	35.6	234	6.50	260	15.38	307.6
“ “in bales	27.2	457	16.82	673	5.95	119.
“ “ Calf.....in bundles	14.	154	11.	440	9.09	181.8
“ green, salted. “	1.7	85	53.68	2147	1.86	37.2
“ “ “	1.2	50	42.86	1714	2.33	46.6
Hinges.....in barrels	5.10	587	100.63	4025	.99	19.8
“in boxes	3.11	388	99.06	3962	1.01	20.2
Hives, Bee. <i>See Bee Hives.</i>						
Hods, Coal.....each	3.4	18	5.40	216	18.52	370.4
Hoes. <i>See Agricultural Implements.</i>						
Hollow Ware.....in hogsheads	46.4	817	17.63	705	5.67	113.4
“ “in casks	11.4	235	20.74	830	4.82	96.4

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

H

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Hominy.....in sacks	3.11	148	37.79	1512	2.65	53.
“per bushel	1.3	56	44.80	1792	2.23	44.6
“ partly cooked.....in drums	3.6	70	20.	800	5.	100.
Homespun.....in bales	9.	248	27.56	1102	3.63	72.6
Honey.....in barrels	10.1	595	59.	2360	1.69	33.8
“in ½ “	6.9	300	44.44	1778	2.25	45.
“ in glass.....in cases	1.6	70	46.67	1867	2.14	42.8
“ strained, in cans. “	2.	130	65.	2600	1.54	30.8
“ “ in glass, 1 doz. pts “	1.	37	37.	1480	2.70	54.
“ “ “ 2 doz. ½ pts. ... “	1.2	39	33.43	1337	2.99	59.8
“ in comb. “	3.2	73	23.05	922	4.04	80.8
“ “in boxes	1.6	41	27.33	1093	3.66	73.2
“ “ in glass.....in cases	3.4	60	18.	720	5.56	111.2
Hops.....in bales	16.11	187	11.05	442	9.05	181.
“in boxes	2.	35	17.50	700	5.71	114.2
Hop Cloth.....in bales	24.8	1140	46.22	1849	2.16	43.2
Horse Collars.....in bundles	5.6	49	8.91	356	11.22	224.4
“ Nails. <i>See Iron.</i>						
“ Shoes. “						
Hose, Rubber. <i>See Rubber Hose.</i>						
“ Fire.....in cases	16.5	365	22.23	889	4.50	90.
“ Reels, S.U., N.O.S. ....each	20.	95	4.75	190	21.05	421.
“ Reels, Paragon Hose on, S.U. ....crated	4.5	66	14.94	598	6.69	133.8
Hosiery.....in cases	15.11	227	14.26	570	7.01	140.2
Household Goods..... “	14.10	272	18.34	734	5.45	109.
Hub Punch.....in boxes	1.4	40	30.	1200	3.33	66.6
Hubs, Wagon. <i>See Vehicles.</i>						
Hydrant Posts, wood.....each	2.1	65	31.20	1248	3.21	64.2
“ “ open bottom..... “	2.7	30	11.61	464	8.61	172.2

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

I

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Ice Cream Freezers, 25 qt. each	10.3	83	8.10	324	12.35	247.
“ “ “ 20 qt. “	7.5	61	8.22	329	12.17	243.4
“ “ “ 12 qt. “	4.9	47	9.89	396	10.11	202.2
“ “ “ 2 qt. “	1.	12	12.	480	8.33	166.6
“ solid	1.	58	58.	2320	1.72	34.4
“ Shaving Machine. crated	2.	40	20.	800	5.	100.
Incubators. each	32.6	200	6.15	246	16.26	325.2
“ light. crated	28.10	130	4.51	180	22.17	443.4
India Rubber Goods. <i>See Rubber.</i>						
Indigo in ceroon	4.9	162	34.10	1364	2.93	58.6
Ink, Printing in barrels	12.4	541	43.85	1754	2.28	45.6
“ Writing in boxes	.7½	21	33.60	1344	2.98	59.6
Iron and Articles of Iron.						
Anchors. each	15.11	509	31.98	1279	3.13	62.6
“ “	42.10	1408	32.87	1315	3.04	60.8
“ “	84.1	3080	36.63	1465	2.73	54.6
Anvils, small. “	.9	59	78.67	3147	1.28	25.6
“ large. “	2.11	244	83.66	3346	1.18	23.8
“ average. “	1.10	162	88.36	3534	1.14	22.8
Bar, ¾, round. piled	11.4	3875	341.90	13676	.30	6.
“ 2 x ¾, flat. “	10.9	3960	368.37	14735	.27	5.4
Boiler Cylinders, ¾ iron. each	389.4	2490	6.40	256	15.63	312.6
“ “ 3.10 x 15.7, ¾ iron. “	228.10	1629	7.12	285	14.04	280.8
“ Stands. “	2.1	20	9.60	384	10.42	208.4
Boilers, Range, 30 gal. “	5.	73	14.60	584	6.84	136.8
Bolts, Machine in boxes	2.5	280	115.86	4634	.85	17.
Bed Fastenings. in kegs	.10	140	168.	6720	.59	11.8
Buoys. each	21.5	3563	166.34	6654	.60	12.
Castings. in casks	14.4	575	40.12	1605	2.49	49.8
“ in barrels	4.2	202	48.48	1939	2.08	41.6
“ in cases	6.8	226	33.90	1356	2.94	58.8
Car Bumpers. each	.6	76	152.	6080	.66	13.2
“ Wheels on Axles, light. “	22.8	280	12.35	494	8.10	162.
“ “ “	2.1	264	126.72	5069	.79	15.8

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

I

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet Per Ton.
<i>Iron and Articles of Iron—Continued.</i>						
Chain. <i>See Chain.</i>						
Coils for Ice Freezers.....each	187.8	1445	7.69	308	13.	260.
Drills, Blacksmiths'.....crated	3.3	115	35.38	1415	2.83	56.6
Drums, Gasoline, empty.....each	24.4	230	9.45	378	11.64	222.8
Engine and Boiler, S.U.....“	61.2	1840	30.08	1203	3.32	66.4
Engines, Steam Dummy, S.U, on wheels “	670.	1120	1.67	67	59.89	1197.6
“ “ “ “ wheel off “	313.6	11200	35.73	1429	2.80	56.
Facings and Fronts.....in hogsheads	26.1	1050	40.26	1610	2.48	49.6
“ “ “in barrels	5.4	269	50.44	2018	1.98	39.6
Fish Joint Bolts, R. R.....in boxes	1.	112	112.	4480	.90	18.
Fittings, cast.....in barrels	6.9	588	87.11	3484	1.15	23.
“ “in boxes	1.	60	60.	2400	1.67	33.4
“ L.....in small drums	2.	87	43.50	1740	2.30	46.
“ S.....“ “	2.	158	79.	3160	1.27	25.4
“ average.....“ “	2.	122	61.	2440	1.64	32.8
“ L.....in large “	6.1	252	41.43	1657	2.42	48.4
“ S.....“ “	6.1	308	50.56	2021	1.98	39.6
Forges, portable, L, S.U.....in crates	41.8	350	8.40	336	11.90	238.
“ “ S, ““	11.6	138	12.	480	8.33	166.6
Hall Stands.....each	10.6	35	3.33	133	30.03	600.6
Horse and Mule Shoes. <i>See Horse Shoes.</i>						
Locks, Door.....in cases	2.6	160	64.	2560	1.56	31.2
Nails, cut. <i>See Nails.</i>						
“ Horse.....in boxes	.3	28	112.	4480	.89	17.8
“ “in kegs	1.6	105	70.	2800	1.43	28.6
“ Spikes.....“	1.6	105	70.	2800	1.43	28.6
“ “ R.R., 5½ x ¼.....“	2.6	208	83.20	3328	1.22	24.4
“ “ “in boxes	1.3	105	84.	3360	1.19	23.8
“ Tacks. <i>See Tacks.</i>						
Nuts and Bolts.....in boxes	2.1	225	108.	4320	.93	18.6
“ “ “in cases	3.11	362	92.43	3697	1.08	21.6
“ “ “ S.....“	3.6	373	106.57	4263	.94	18.8
Picks.....“	3.	138	46.	1840	2.17	43.4

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

I—J—K

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
<i>Iron and Articles of Iron—Continued.</i>						
Pipe, Gas. ....in bundles	1.3	120	96.	3840	1.04	20.8
“ Steam Heating, in coils. ....each	30.	457	15.23	609	6.57	131.4
Pots. ....nested	1.8	26	15.60	624	6.41	128.2
Rails, R. R., steel (19½ lbs. per foot)... “	3.5	580	169.76	6790	.59	11.8
Rivets. ....in casks	22.9	862	37.89	1516	2.64	52.8
Sash Weights. ....in barrels	11.6	1200	104.35	4174	.96	19.2
“ “in bundles	1.	210	210.	8400	.48	9.6
Sheet. ....packed	3.	248	82.67	3307	1.21	24.2
Splitting Machines, leather. ....each	68.4	2880	42.15	1686	2.37	47.4
Tire Benders. “	16.11	436	25.77	1031	3.88	77.6
Vises. “	2.2	70	32.31	1292	3.09	61.8
Water Wheels. ....boxed	39.5	1151	29.20	1168	3.42	68.4

J

Japan Varnish. <i>See Varnish.</i>						
Japanese Goods. ....in cases	5.10	72	12.34	494	8.01	160.2
Jellies. ....in boxes	.9½	30	38.	1520	2.63	52.6
“ solid. ....in tubs	1.2	88	75.43	3017	1.33	26.6
Junk. ....in hogsheads	36.9	1077	29.31	1172	3.41	68.2
Jute, compressed, imported. ....in bales	9.6	400	42.10	1684	2.38	47.6
“ domestic. “	12.	388	32.33	1293	3.09	61.8

K

Kalsomine, dry.in cases	2.11	153	52.46	2098	1.91	38.2
Keelers. ....in bundles	1.4	10	7.50	300	13.33	266.6
Kegs, Beer, empty, 5 gal. ....each	2.2	32	14.77	591	6.77	135.4
“ “ “ 10 gal. “	3.8	47	12.82	513	7.80	156.
“ Pickle “ 5 gal. “	1.	5	5.	200	20.	400.
“ Syrup “ 5 gal. “	1.3	5	4.	160	25.	500.
Kerosene Oil. <i>See Oil.</i>						

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

L

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Lager Beer (<i>see also Ale and Beer.</i>).....in barrels	5.7	339	60.72	2429	1.65	33.
“ “in ½ “	4.	200	50.	2000	2.	40.
“ “in ¼ “	2.10	100	35.29	1412	2.83	56.6
“ “ in glass.....in “	5.9	214	37.22	1489	2.69	53.8
“ “ “in boxes	3.5	120	35.12	1405	2.85	57.
Lampblack.....in hogsheads	44.10	580	12.94	518	7.73	154.6
“in barrels	6.2	58	9.41	376	10.63	212.6
“in ½ “	3.3	43	13.23	529	7.56	151.2
Lamps.....in boxes	6.	52	8.67	347	11.53	230.6
Lamp Chimneys. <i>See Glass.</i>						
Lanterns.....in cases	4.2	45	10.80	432	9.26	185.2
Lard.....in tierces	9.	400	44.44	1778	2.25	45.
“in barrels	6.9	290	42.96	1718	2.33	46.6
“in tubs	3.1	120	38.92	1557	2.57	51.4
“in firkins	1.10	79	43.09	1724	2.32	46.4
“ in tins.....in cases	3.11	130	33.19	1328	3.01	60.2
“ “in boxes	2.3	71	31.56	1262	3.17	63.4
“ “in crates	1.6	53	35.33	1413	2.83	56.6
“ Oil. <i>See Oil.</i>						
Laths. <i>See table.</i>						
Lathes, S.U., on skids.....each	87.	1400	16.09	644	6.22	124.4
Lavarine, Washing.....in boxes	1.4	48	36.	1440	2.78	55.6
Lawn Mowers. <i>See Agricultural Implements.</i>						
Lead, Nitrate.....in casks	11.1	1110	100.15	4006	1.	20.
“ Black.....in barrels	6.6	245	37.69	1508	2.65	53.
“ “ Raleigh.....“	7.1	513	72.42	2897	1.38	27.6
“ White.....in casks	6.4	730	115.26	4610	.87	17.4
“ “in kegs	5½	51	111.27	4451	.90	18.
“ “in boxes	2.6	230	92.	3680	1.08	21.6
Leaf Tobacco. <i>See Tobacco.</i>						
Leather.....in cases	6.8	200	30.	1200	3.33	66.6
“in bales	4.9	145	30.53	1221	3.28	65.6
“in rolls	9.6	160	16.84	674	5.94	118.8
“ Belting. <i>See Belting.</i>						

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

L

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Leather, finished.....in boxes	18.4	593	32.35	1294	3.08	61.6
Lemons. <i>See Fruit.</i>						
Lemon Syrup. <i>See Syrup.</i>						
Licorice Tablets.....in barrels	5.	180	36.	1440	2.78	55.6
Life Preservers, tulle.....in bales	16.5	98	5.97	239	16.77	335.4
Lime, N.O.S.....in barrels	5.3	175	33.33	1333	3.	60.
“.....“	5.4	250	46.87	1875	2.13	42.6
“ Gray Chalk.....per bushel	1.3	56	44.80	1792	2.23	44.6
“ Plymouth Stone.....“	1.3	70	56.	2240	1.79	35.8
“ Keynsham, blue lias.....“	1.3	80	64.	2560	1.56	31.2
“ Lyme Regis, “.....“	1.3	75	60.	2400	1.67	33.4
“ Keynsham, ground, blue lias.. “	1.3	68	54.40	2176	1.84	36.8
“ Lyme Regis, “ “ “ “ “	1.3	70	56.	2240	1.79	35.8
“ Chloride.....in casks	34.10	1320	37.89	1516	2.64	52.8
“ “.....in barrels	11.4	410	36.18	1447	2.76	55.2
“ “.....in boxes	2.4	60	25.71	1028	3.85	77.
Lime Juice.....“	1.	35	35.	1400	2.86	57.2
Linen and Cotton Goods, imported. <i>See table.</i>						
Lining.....in bales	9.	120	13.33	533	7.50	150.
Linoleum (<i>see Oil-cloth</i>).....in rolls	10.10	396	36.55	1462	2.74	54.8
“ in rolls.....in crates	23.3	741	31.87	1275	3.14	62.8
Linseed Oil. <i>See Oil.</i>						
Liquors, domestic.....in barrels	8.11	409	45.87	1835	2.18	53.6
“ “.....in ½ “	5.	202	40.40	1616	2.48	49.6
“ in glass.....in cases	6.1	195	32.05	1282	3.12	62.4
“ in demijohns.....“	2.9	75	27.27	1091	3.67	73.4
“ Wine, Cal.....in barrels	13.4	506	37.95	1518	2.64	52.8
“ “ “.....in ½ “	6.11	265	38.31	1532	2.61	52.2
“ “ N.O.S.....in “	10.4	400	37.82	1513	2.65	53.
“ “.....in ¼ “	2.4	97	41.57	1663	2.41	48.2
“ “.....in kegs	1.1	47	43.38	1735	2.31	46.2
“ “ Sherry.....in butts	22.3	1243	55.87	2235	1.79	35.8
“ over casks.....	7.10	392	50.04	2002	2.	40.
“ Wine, Champagne.....in baskets	2.4	65	27.86	1114	3.59	71.8

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

L—M

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet Per Ton.
Liquors, Orange Champagne, in glass, in barrels	8.5	250	29.70	1188	3.36	67.2
“ “ N.O.S., in glass. “	2.	65	32.50	1300	3.08	61.6
Liquid Dyes..... “	5.3	235	44.76	1790	2.23	44.6
“ “ in glass..... in cases	2.11	90	30.86	1234	3.24	64.8
Locks, Iron, Door. <i>See Iron.</i>						
Logwood..... in barrels	6.10	145	21.22	849	4.71	94.2
Looking Glasses..... in cases	14.	181	12.93	517	7.73	154.6
Lumber. <i>See table.</i>						
Lustro..... in boxes	.5	13	31.20	1248	3.21	64.2
Lye, Concentrated ... “	1.4	60	45.	1800	2.23	44.6
“ conet..... “	.10	60	.72.	2880	1.39	27.8
Labels varnished..... in cases	8.4	360	43.20	1728	2.32	46.4

M

Macaroni..... in boxes	1.6	31	20.67	827	4.83	96.6
“..... in ½ “	.6	15	30.	1200	3.33	66.6
Machinery, K.D..... in cases	7.10	355	45.32	1813	2.20	44.
“ Electrical..... “	4.8	375	80.36	3214	1.24	24.8
Majolica Ware. <i>See Chinaware.</i>						
Malt..... in sacks	5.9	130	22.60	904	4.42	88.4
“..... per bushel	1.3	33	26.40	1056	3.82	76.4
Manganese..... in barrels	11.4	850	75.	3000	1.33	26.6
Mangles..... each	40.	470	11.75	470	8.51	170.2
Marble (<i>see table</i>)..... in blocks	4.11	795	161.69	6468	.62	12.4
“ Slabs..... in boxes	2.6	320	128.	5120	.78	15.6
“ “ rough..... “	5.5	313	57.78	2311	1.73	34.6
“ rough..... in crates	5.1	511	100.52	4021	.99	19.8
“ Works..... in cases	10.9	270	25.12	1005	3.98	79.6
“ finished..... in boxes	5.3	249	47.43	1897	2.11	42.2
“ Dust..... in barrels	4.3	308	72.47	2899	1.38	27.6
Marbles..... in boxes	4.7	232	50.62	2025	1.98	39.6
Matches..... in cases	5.1	94	18.49	740	5.41	108.2
“..... in boxes	4.8	70	15.	600	6.67	133.4

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

M

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Matches.....in crates	4.8	75	16.07	643	6.22	124.4
“ projecting facet.....in tins	.8	17	25.50	1020	3.92	78.4
“ no facet..... “	.7	17	29.14	1166	3.42	68.4
Mats.....in bundles	5.6	69	12.55	502	7.97	159.2
Matting.....in bales	12.	140	11.67	466	8.57	171.4
“in rolls	11.7	134	11.57	463	8.64	172.8
“ China..... “	6.9	71	10.52	421	9.51	190.2
“ Cocoa, $\frac{1}{4}$ “	14.1	167	11.86	474	8.43	168.6
Mattresses.....in crates	102.6	303	2.95	118	33.78	675.6
“in bundles	72.2	240	3.32	133	30.12	602.4
Mattress Springs..... “	3.10	88	22.95	918	4.36	87.2
“in cases	29.8	168	5.66	226	17.67	353.4
“ Wire.....in packages	24.8	123	4.99	200	20.04	400.8
Meal, Corn.....in barrels	5.10	205	35.14	1406	2.85	57.
“ “per bushel	1.3	50	40.	1600	2.50	50.
“ Oat.....in barrels	8.5	220	26.14	1046	3.83	76.6
“ “in cases	2.1	60	28.80	1152	3.47	69.4
“ “ in small sacks.....in bales	2.4	100	42.86	1714	2.33	46.6
Measures.....in bundles	4.7	47	10.25	410	9.76	195.2
“in racks	6.4	50	7.89	316	12.67	253.4
Meat Cutters.....in boxes	2.1	90	43.20	1728	2.31	46.2
“ smoked.....in barrels	6.7	225	31.18	1367	2.93	58.6
“ “in cases	9.9	433	44.41	1776	2.25	45.
“ fresh.....in barrels	6.	185	30.83	1233	3.24	64.8
“ dressed.....in cases	12.5	584	47.03	1881	2.13	42.6
“ Mince.....in barrels	9.1	424	46.68	1867	2.14	42.8
“ “ in pails .....crated	1.8	60	36.	1440	2.78	55.6
“ “in pails	.10	36	43.20	1728	2.31	46.2
“ “ condensed.....in boxes	1.3	60	48.	1920	2.09	41.8
Medicines. <i>See Drugs.</i>						
Merchandise.....in cases	17.5	286	16.42	657	6.09	121.8
“in trunks	5.2	77	14.90	596	6.71	134.2
Melons, Water.....in crates	11.1	273	22.90	916	4.38	87.6
“ “ China..... “	13.11	250	17.96	718	5.57	111.4

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

M

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Melons, Cantaloupe.....in crates	4.7	100	21.82	873	4.54	90.8
Metal, anti-friction.....in boxes	2.11	105	36.	1440	2.78	55.6
" old.....in casks	48.2	1218	25.29	1012	3.95	79.
" sheathing.....in boxes	2.6	482	192.80	7712	.52	10.4
Middlings.....in sacks	3.2	97	30.63	1225	3.26	65.2
Milk, canned.....in boxes	1.4	46	34.50	1380	2.90	58.
" condensed, in cans.....in cases	3.3	168	51.69	2068	1.93	38.6
" Churns.....each	3.5	16	4.68	187	21.15	423.
" ".....in boxes	8.3	95	11.52	451	8.68	173.6
Millet Seed. <i>See Seed.</i>						
Mills, Coffee, small.....in boxes	1.6	35	23.33	933	4.29	85.8
" " large.....each	3.10	55	14.30	572	6.99	139.8
" Corn.....in cases	5.5	90	16.62	665	6.02	120.4
" Grist.....each	18.4	300	16.36	654	6.11	122.2
" Malt, S.U.....crated	142.11	1100	7.70	308	13.	260.
" Sorghum....."	25.	650	26.	1040	3.85	77.
" Sugar....."	2.5	127	52.55	2102	1.90	38.
Mill Stones, rough....."	16.2	1600	98.97	3959	1.01	20.2
Millinery Goods, general stock.....in cases	14.8	88	6.	240	16.67	333.4
Mineral Spring Water.....in barrels	7.6	318	42.40	1695	2.36	47.2
" " " in glass.....in hampers	9.8	250	25.86	1034	3.87	77.4
" " " ".....in crates	19.7	204	10.42	417	9.60	192.
" " " ".....in boxes	4.4	159	36.69	1468	2.73	54.6
" Water, Coronado, 50 qts, in glass, in cases	4.2	185	44.40	1776	2.25	45.
" " Seltzer.....in casks	14.10	545	36.74	1470	2.72	54.4
Molasses (<i>see also Syrup</i>).....in hogsheads	29.5	1805	61.36	2454	1.63	32.6
" in tierces	8.5	600	71.29	2872	1.40	28.
" in barrels	10.	605	60.50	2420	1.65	33.
Money Drawers.....in crates	6.3	70	11.20	448	8.96	179.2
Moss.....in bales	17.11	100	5.58	223	17.92	358.4
" compressed....."	15.7	173	11.10	444	9.01	180.2
" dry, Sea.....in barrels	6.7	85	12.91	516	7.75	155.
Molding, gilt.....in cases	12.	230	19.17	767	5.22	104.4
" wood....."	25.4	470	18.55	742	5.39	107.8

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

M—N

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Molding, wood.....in bundles	2.10	60	21.18	847	4.72	94.4
“ Picture.....in crates	12.2	195	16.03	641	6.24	124.8
Mowers. <i>See Agricultural Implements.</i>						
Musical Instruments.....in cases	16.10	157	9.33	373	10.72	214.4
Mushrooms.....in boxes	.5	6	14.40	576	6.94	138.8
Muskets.....in cases	11.	217	19.73	789	5.07	101.4
Mustard, ground.....in barrels	8.5	238	28.28	1131	3.54	70.8
“in boxes	1.1	36	33.23	1329	3.01	60.2
N						
Nails, cut, 8d.....in kegs	1.8	106	63.60	2544	1.58	31.6
“in boxes	.10	63	75.60	3024	1.32	26.4
“ Steel Wire, 8d.....in kegs	1.8	106	63.60	2544	1.58	31.6
“ Horseshoe.....in boxes	.4	28	84.	3360	1.19	23.8
Nets, Gill .....in cases	20.1	487	24.17	967	3.97	79.4
Newspapers.....in bundles	1.11	60	31.30	1252	3.19	63.8
Notions.....in cases	15.4	172	11.22	449	8.91	178.2
“in bales	6.	28	4.67	187	21.41	428.2
Nuts, Edible.						
Cocoanuts.....in bags	6.3	159	25.44	1018	3.54	70.8
Filberts.....in barrels	6.3	153	24.48	979	4.08	81.6
“in sacks	3.4	86	25.80	1032	3.49	69.8
Hazel.....in barrels	8.3	158	19.15	766	5.23	114.6
Peanuts.....in bags	7.2	100	13.95	558	7.17	143.4
“in boxes	2.	25	12.50	500	8.	160.
Walnuts.....in barrels	5.5	91	16.80	672	5.95	119.
“in cases	6.6	156	24.	960	4.17	83.4
Nutmegs.....“	4.6	140	31.11	1244	3.21	64.2

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

O

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet Per Ton.
Oakum.....in bales	4.8	50	10.71	428	9.34	186.8
Ore, Mineral.....in sacks	1.	69	69.	2760	1.45	29.
Oatmeal <i>See Meal.</i>						
Oats.....in sacks	3.2	89	28.11	1124	3.56	71.2
“ Rolled.....in barrels	8.5	190	22.57	933	4.43	88.6
“ “ 2-lb. packages.....in cases	3.6	80	22.86	914	4.37	87.4
“ Flaked.....in barrels	10.1	200	19.83	793	5.04	100.8
“ Cream.....in cases	2.9	91	33.09	1324	3.02	60.4
“ (see table).....per bushel	.....	.....	.....	.....	.....	.....
Oil, Castor.....in barrels	8.5	442	52.51	2100	1.90	38.
“ “.....in boxes	3.	130	43.33	1733	2.31	46.2
“ Cocoa, W.....in barrels	10.8	449	42.09	1684	2.35	47.
“ “ E.....“	10.	401	40.10	1604	2.49	49.8
“ Codliver, in glass.....in boxes	.9	30	40.	1600	2.50	50.
“ Coal.....in barrels	10.8	382	35.81	1432	2.79	55.8
“ “ in tin.....in cases	2.2	80	36.92	1477	2.71	54.2
“ Cotton Seed.....in barrels	11.	450	40.91	1636	2.44	48.8
“ Cylinder.....“	8.9	350	40.	1600.	2.50	50.
“ “ in tins.....in cases	2.2	94	43.38	1735	2.31	46.2
“ “.....in tins	.8	38	57.	2280	1.75	35.
“ Gun.....in boxes	1.11	77	40.17	1607	2.49	49.8
“ Kerosene, in tins.....in cases	2.2	85	39.23	1569	2.55	51.
“ Lard.....in barrels	9.10	426	43.32	1732	2.30	46.
“ Linseed.....in casks	42.2	1927	45.70	1828	2.19	43.8
“ “.....in barrels	9.8	415	42.93	1717	2.33	46.6
“ “.....in cases	3.5	150	43.90	1756	2.28	45.6
“ Lubricating.....in barrels	12.4	450	36.41	1456	2.75	55.
“ Neat's-foot.....“	10.1	437	43.34	1734	2.31	46.2
“ Olive.....in boxes	2.4	103	44.14	1766	2.27	45.4
“ Salad, in glass.....“	1.5	50	35.29	1412	2.83	56.6
“ Sewing Machine, in boxes.....crated	1.4	43	32.25	1290	3.10	62.
“ “ “.....in cases	2.	80	40.	1600	2.50	50.
“ Spindle.....in barrels	11.4	425	37.50	1500	2.67	53.4
“ Vacuum.....in cases	2.11	74	25.37	1015	3.94	78.8

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

O—P

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Oil of Vitriol.....in carboys	7.6	187	24 93	997	4.01	80 2
“ N.O.S.....in casks	22.4	1007	45.09	1804	2.22	44.4
“ “in barrels	9.4	417	44.68	1787	2.24	44.8
“ “in kegs	2.1	87	41.76	1670	2.41	48.2
“ and Essences .....in cases	3.2	118	37.26	1490	2.68	53.6
“ Tanks, empty.....in racks	26.10	90	3.35	134	29.85	597.
“ Cans, empty.....crated	20.3	50	2.47	99	40.49	809.8
“ Cake Meal .....in hogsheads	34.10	941	27.01	1080	3.70	71.
“ “ “in sacks	1.5	147	103.76	4150	.96	19.2
Oilcloth.....in crates	7.6	298	39.73	1589	2.52	50.4
“in boxes	5.3	170	32.38	1295	3.09	61.6
“in rolls	6.11	288	41.64	1666	2.40	48.
“ Floor (<i>see Linoleum</i>).....in cases	6.2	465	75.41	3016	1.33	26.6
“ Table.....“	15.6	568	36.65	1466	2.73	54.6
Onions.....in barrels	5.11	145	24 51	980	4.08	81.6
“in crates	3.8	124	33 82	1353	2.96	59.2
“in sacks	3.5	111	32.49	1300	3.08	61.6
“ pickled.....in casks	14.11	625	41.90	1676	2.38	47.6
“ (<i>see table</i>). .....per bushel	.....	.....	.....	.....	.....	.....
Orange and Iron Water, in glass.....in barrels	8.5	254	30 18	1207	3.31	66.2
Oranges. <i>See Fruit.</i>						
Organs, Cabinet.....boxed	43.3	280	6.49	260	15.41	308.2
“ “ large.....“	55.3	400	7.24	290	13.81	276.2
Ox Bows.....in bundles	4.6	75	16.67	667	6.	120.
Oysters, fresh, in shell.....in sacks	2.5	100	41.38	1655	2.42	48.4
“ canned. <i>See Canned Goods.</i>						

P

Packing.....in bales	1.8	157	94.20	3758	1.06	21.2
Pagodas, tin.....crated	23.6	90	3.83	153	26.11	522.2
Pails (<i>see also Buckets</i>), strainers.....“	8.4	30	3.60	144	27.78	555.6
“ common.....per dozen	4.10	30	6.21	248	16.11	322.2
“ Cedar.....“	2.6	20	8.	320	12.50	250.

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

P

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Pails, Flour.....in packages	6.	40	6.67	267	15.	300.
“ Oak.....per dozen	4.6	36	8.	320	12.50	250.
“ “.....per ½ “	2.6	20	8.	320	12.50	250.
“ Paper.....per “	1.10	10	5.45	218	18.35	367.
Paints, Earth.....in barrels	5.10	362	62.06	2482	1.61	32.2
“ “.....in boxes	2.5	105	43.45	1738	2.30	46.
“ not Earth.....in barrels	6.9½	335	58.17	2327	1.72	34.4
“ “.....in boxes	1.4½	62	45.09	1804	2.22	44.4
“ Liquid.....“	3.2	155	48.95	1958	2.04	40.8
“ Rubber, in cans.....“	2.2	120	55.38	2215	1.82	36.4
“ Venetian Red.....in barrels	8.5	428	50.85	2034	1.97	39.4
“ mixed, in cans.....“	6.1	175	28.77	1151	3.48	69.6
“.....in pails	1.1	55	50.77	2031	1.97	39.4
Paper Bags.....in bundles	3.2½	65	20.26	810	4.94	98.8
“ Boxes.....“	1.9	5	2.86	114	34.97	699.4
“ “.....in cases	36.7	224	6.12	245	16.34	326.8
“ Building, 1000 sq. ft.....in rolls	1.4	40	30.	1200	3.33	66.6
“ Collars.....“	18.1	222	12.28	491	8.14	162.8
“ Cutters, L.....crated	87.7	1300	14.84	594	6.73	134.6
“ “ S.....each	28.4	340	12.	480	8.33	166.6
“ Envelopes.....in cases	15.7	165	10.59	424	9.41	188.8
“ Manilla.....in bundles	1.9	50	28.57	1143	3.50	70.
“ Hangings.....in cases	19.7	550	28.09	1124	3.56	71.2
“ “.....in bundles	1.5	45	31.76	1270	3.15	63.
“ Pasteboard.....in boxes	6.	170	28.33	1133	3.53	70.6
“ “.....in packages	1.3	60	48.	1920	2.08	41.6
“ Printing.....in cases	9.9	457	46.87	1875	2.13	42.6
“ “.....in packages	2.8	102	38.25	1530	2.61	52.2
“ “.....in rolls	10.5	370	35.52	1421	2.82	56.4
“ “ imported.....in crates	14.8	444	30.27	1211	3.30	65.
“ Roofing.....in cases	6.2	205	33.24	1330	3.01	60.2
“ “.....in rolls	2.6	52	20.80	832	4.81	96.2
“ Sacks.....in bundles	2.6	42	16.80	672	5.95	119.
“ Sand.....“	1.7	77	48.11	1924	2.08	41.6

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

P

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Paper Show Cards. <i>See Show Cards.</i>						
“ Stock.....in bales	29.3	348	11.81	472	8.47	169.4
“ “ compressed..... “	31.2	573	18.38	735	5.44	108.8
“ Strawboard.....in bundles	1.2	52	44.57	1783	2.25	45.
“ “in crates	14.6	595	41.04	1642	2.44	48.8
“ Wall.....in cases	18.5	498	27.04	1082	3.70	74.
“ “in boxes	13.	346	26.62	1065	3.76	75.2
“ “ in rolls.....in bundles	2.5	72	29.79	1192	3.36	67.2
“ Wrapping.....in crates	11.2	370	33.13	1325	3.02	60.4
“ “in cases	9.8	215	22.24	890	4.50	90.
“ “in bundles	3.	85	28.33	1133	3.53	70.6
“ “ straw..... “	5.5	195	36.	1440	2.78	55.6
“ Writing.....in cases	10.9	347	32.28	1291	3.10	62.
Paste, Italian, N.O.S.....in boxes	1.1	20	18.46	738	5.42	108.4
“ “ “in cases	6.7	125	19.	760	5.26	105.2
Peach Pits.....in sacks	2.11	82	28.11	1124	3.56	71.2
Pearline.....in boxes	1.	39	39.	1560	2.56	51.2
Pears. <i>See Fruit.</i>						
Peas, dried.....in barrels	5.11	200	33.80	1352	2.95	59.2
“ split.....in boxes	.....	.....	.....	.....	.....	.....
Peat.....in bags	4.2	86	20.64	826	4.84	96.8
Pepper..... “	4.9	108	22.74	910	4.40	88.
“in cases	8.6	225	26.47	1059	3.78	75.6
“ in glass.....in boxes	.....	.....	.....	.....	.....	.....
“ green.....in sacks	3.3	49	15.08	603	6.63	132.6
Perfumery.....in cases	5.11	145	24.51	980	4.08	81.6
Phosphates.....in bags	3.6	173	49.43	1977	2.02	40.4
“in barrels	8.5	280	33.27	1330	3.01	60.2
Photographic Goods.....in cases	3.	20	6.67	267	14.99	299.8
Pianos, square.....each	63.	898	14.25	570	7.02	140.4
“ upright..... “	73.8	822	11.06	442	9.04	180.8
Pickles.....in barrels	8.	286	35.75	1430	2.80	56.
“in ½ “	3.9	155	41.33	1653	2.42	48.4
“ 2 doz. pts., in glass.....in boxes	2.	50	25.	1000	4.00	80.

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

P

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet Per Ton.
Pickles, 2 doz. qts., in glass.....in boxes	2.4	60	25.71	1028	3.85	77.
“ 1 doz. ½ gal. “ “	1.6	50	33.33	1333	3.	60.
“ N.O.S., “ “	1.5	34	24.	950	4.17	83.4
Picks. <i>See Iron.</i>						
Pictures.....in boxes	2.3	35	15.56	622	6.43	128.6
“in crates	4.1	55	13.47	539	7.42	148.4
Picture Frames..... “	67.	412	6.15	246	16.26	325.2
Pigs' Feet.....in ½ barrels	3.5	178	52.10	2084	1.92	38.4
Pipes, Clay, smoking.....in boxes	.3	5	20.	800	5.	100.
Pipe, Drain (<i>see table</i>).....in pieces	5.8	112	19.76	790	5.05	101.2
“ Chimney “ “	1.5	31	21.83	875	4.57	91.4
“ Elbow. <i>See Elbows.</i>						
“ Gas. <i>See Iron.</i>						
“ Lead.....in boxes	4.2	143	34.32	1373	2.91	58.2
“ “ D 1¼ inch.....on reels	18.9	890	47.47	1899	2.10	42.
“ Stove.....in crates	6.3	100	16.	640	6.25	125.
“ “in boxes	9.	122	13.56	542	7.37	147.4
“ Sewer, Earthen, 3 inch.....each	.7	12	20.57	823	4.86	97.2
“ “ “ 4 “ “	.9	18	24.	960	4.17	83.4
“ “ “ 5 “ “	1.3	28	22.40	896	4.46	89.2
“ “ “ 6 “ “	1.6	32	21.33	853	4.69	93.8
“ “ “ 8 “ “	2.2	42	19.38	775	5.16	103.2
“ “ “ 10 “ “	2.11	62	21.26	850	4.70	94.
“ “ “ 12 “ “	4.4	84	19.38	775	5.16	103.2
“ “ “ 14 “ “	5.5	100	18.46	738	5.42	108.4
“ “ “ 16 “ “	7.3	126	17.38	695	5.75	115.
“ “ “ 18 “ “	9.	144	16.	640	6.25	125.
“ “ “ 20 “ “	10.7	180	17.	680	5.88	117.6
“ “ “ 22 “ “	12.3	200	16.33	653	6.12	122.4
“ “ “ 24 “ “	15.	224	14.93	597	6.69	133.8
“ Wood.....in packages	4.2	48	11.52	461	8.68	173.6
Pitch, Burgundy.....in barrels	11.6	479	41.65	1666	2.40	48.
“ Brewers', L..... “	9.	421	46.78	1871	2.14	42.8
“ “ S..... “	5.3	273	52.	2080	1.92	38.4

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

P

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Pitch, Wellington, I. ....in barrels	8.4	400	48.	1920	2.08	41.6
“ “ S “	5.2	250	48.39	1936	2.07	41.4
Plants, live.....in boxes	2.11	85	29.14	1166	3.43	68.6
Planing Machines. ....each	97.5	1695	17.40	696	5.75	115.
“ Moulder.....crated	113.6	3620	31.89	1276	3.14	62.8
Plaster, Land.....in barrels	5.5	290	53.54	2142	1.87	37.4
“ of Paris “	5.1	152	29.90	1196	3.34	66.8
“ Dentists' .....in ½ “	3.7	150	41.86	1674	2.39	47.8
“ Castings.....in cases	12.2	166	13.64	546	7.33	146.6
Plated Ware, silver “	3.7	38	10.61	424	9.43	188.6
“ “ N.O.S..... “	7.1	110	15.53	621	6.44	128.8
Plows. <i>See Agricultural Implements.</i>						
Plumbers' Materials.....in casks	15.	380	25.33	1013	3.96	79.2
“ “in barrels	5.10	98	16.80	672	5.95	119.
“ “in boxes	2.7	122	47.23	1889	2.12	42.4
Plum Pudding, canned..... “	1.9	60	34.29	1372	2.91	58.2
“ “ “	.11	45	49.09	1964	2.04	40.8
Porter, in glass.....in hogsheads	18.2	645	35.50	1420	2.82	56.4
“ “in barrels	7.2	325	45.35	1814	2.21	44.2
Pork..... “	6.9	350	51.85	2074	1.93	38.6
“ Barrels, empty. <i>See Barrels.</i>						
Potash, Bi-Carbonate.....in casks	13.	840	64.62	2585	1.55	31.
“ Prussiate..... “	12.	537	44.75	1790	2.23	44.5
“ in cans..... “	11.4	457	40.32	1613	2.73	54.6
“ “in boxes	1.10	69	37.64	1506	2.66	53.2
“in barrels	9.4	552	59.14	2366	1.69	33.8
“ Chloride pulverized.....in kegs	2.7	115	44.51	1780	2.25	45.
“ Cyanide.....in cases	3.6	145	41.43	1657	2.41	48.2
“ in balls. ....in boxes	2.	26	13.	520	7.69	153.8
“ Muriate, fertilizer.....in sacks	4.6	228	50.67	2027	1.97	39.4
Potatoes, Irish.....in barrels	5.7	176	31.52	1261	3.17	63.4
“ “in crates	3.6	130	37.14	1486	2.69	53.8
“ “in boxes	3.7	141	39.35	1574	2.54	50.8
“ “in sacks	3.2	110	34.74	1390	2.88	57.6

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

P—Q—R

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Potatoes (<i>see table</i>) per bushel	.....	....	.....	....	.....	.....
" sweet in bags	4.5	127	28.75	1150	3.47	69.4
Poultry, dressed in barrels	7.7	207	27.30	1092	3.66	73.2
" " packed in boxes	11.1	456	41.14	1646	2.43	48.6
" live (<i>see Chickens and Turkeys</i>) . . in coops	.....	....	.....	....	.....	.....
Powder. <i>See Gun Powder, also table.</i>						
" dipping (Goods) in boxes	1.10	100	54.55	2182	1.83	36.6
Presses printing boxed	54.5	1240	22.79	912	4.34	86.8
Printers' Cases in bundles	39.5	1230	31.21	1248	3.21	64.2
Printing Ink. <i>See Ink.</i>						
Prints, cotton in cases	13.4	360	27.	1080	3.70	74.
Prune Juice, in demijohns in jackets	2.1	40	19.20	768	5.21	104.2
Provisions in boxes	5.2	117	22.65	906	4.42	88.4
Pumice Stone in ½ barrels	6.	97	16.17	647	6.18	123.6
Pumps, iron in boxes	2.6	39	15.60	624	6.41	128.2
Punch, Hub in cases	1.4	40	30.	1200	3.33	66.6
Putty in casks	12.4	1000	81.08	3243	1.24	24.8
" in barrels	7.2	622	86.79	3472	1.15	23.
" in kegs	3.5	283	82.83	3313	1.21	24.2
" in tubs	1.11	115	60.	2400	1.67	33.4

Q

Quicksilver, in iron flasks each	.2	112	672.	26880	.15	3.
" Flasks, empty "	.2	12	72.	2880	1.39	27.8
Quilts in cases	23.6	130	5.53	221	18.08	361.6

R

Rabbit Skins in bales	10.7	455	42.99	1720	2.33	46.6
Rags "	35.5	613	17.31	692	5.78	115.6
" compressed "	31.7	700	22.16	886	4.51	90.2
" in sacks	3.11	43	10.98	439	9.11	182.2
Railroad Chairs. <i>See Furniture.</i>						

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

R

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet Per Ton.
Raisins. <i>See Fruit.</i>						
Rakes. <i>See Agricultural Implements.</i>						
Ranges, Cooking.....each	32.10	840	25.58	1023	3.94	78.8
“ “ small.....crated	11.6	285	24.78	991	4.04	80.8
Raspberries. <i>See Fruit.</i>						
Rat Traps.....in bundles	5.	30	6.	240	16.67	333.4
Refrigerators. <i>See Furniture.</i>						
Rice.....in tierces	16.3	682	41.97	1679	2.36	47.2
“in barrels	7.8	350	45.65	1826	2.19	43.8
“in bags	6.	230	38.33	1533	2.61	52.2
“in sacks	2.	100	50.	2000	2.	40.
“in mats	1.2	50	42.86	1714	2.33	46.6
Riddles.....in bundles	4.4	20	4.62	185	21.65	433.
Rigging.....in boxes	3.1	272	88.24	3530	1.13	22.6
Rivets. <i>See Iron.</i>						
Road Scraper. <i>See Agricultural Implements.</i>						
Rocking Horses.....each	4.8	9	1.92	77	51.81	1036.2
Roofing, paper. <i>See Paper.</i>						
“ tin.....in boxes	.6	132	264.	10560	.38	7.6
Rolio.....in cases	2.9	96	34.91	1396	2.86	57.2
Rope, large hawser.....in coils	157.8	4270	27.08	1083	3.62	72.4
“ “	4.2	131	31.44	1258	3.18	63.6
“in bales	4.3	172	40.47	1619	2.47	49.4
“ Baling.....in coils	4.5	138	31.25	1250	3.20	64.
Rosin, Wellington Excise.....in barrels	11.	480	43.64	1746	2.29	45.8
“ “ “	7.2	384	53.58	1243	1.86	37.2
“ “ “	7.4	336	45.82	1833	2.18	43.6
Rubber, India, crude.....in cases	4.2	265	63.60	2544	1.57	31.4
“ Belting.....in bales	5.3	261	49.71	1988	2.01	40.2
“ “in rolls	3.4	180	54.	2160	1.85	37.
“ Boots and Shoes.....in cases	2.1	33	15.84	634	6.31	126.2
“ Clothing..... “	6.4	148	23.37	935	4.28	85.6
“ Car Springs.....in bundles	1.	90	90.	3600	1.11	22.2
“ Hose..... “	3.	57	19.	760	5.26	105.2

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

R—S

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Rubber Hose. ....in rolls	4.7	115	25.09	1004	3.99	79.8
Rhubarb, pulverized. ....in boxes	2.5	53	21.93	877	4.56	91.2
Rye. ....in sacks	3.2	102	32.21	1288	3.10	62.
" (see table).....per bushel	.....	.....	.....	.....	.....	.....
S						
Sacks, empty .....in bales	3.	57	19.	760	5.27	105.4
" paper. See Paper Sacks.						
Saddlery.....in cases	12.	183	15.25	610	6.56	131.2
"in bundles	4.3	50	11.76	470	8.50	170.
Saddle-trees, Eastern. "	4.2	24	5.76	230	17.36	347.2
" California. "	5.2	54	10.45	418	9.57	191.4
" no roll..... crated	7.1	96	13.55	542	7.38	147.6
" roll..... "	7.1	102	14.40	576	6.94	138.8
Sadirons.....in barrels	8.1	966	119.51	4780	.84	16.8
"in boxes	1.4	80	60.	2400	1.67	33.4
"in bundles	5.8	620	109.41	4376	.91	18.2
Safes, iron .....each	27.5	1675	61.09	2444	1.64	32.8
Sago.....in bags	1.3	50	40.	1600	2.50	50.
"in boxes	.....	.....	.....	.....	.....	.....
Sails.....in bundles	40.9	690	16.93	677	5.91	118.2
Saleratus, in packages. ....in boxes	1.3	55	44.	1760	2.27	45.4
Saltpetr.....in barrels	6.6	318	48.92	1957	2.04	40.8
" powdered .....in kegs	2.5	105	43.45	1738	2.30	46.
Salt, table, small sacks. ....in bales	2.10	250	88.23	3529	1.13	22.6
" Liverpool.....in sacks	4.10	206	42.62	1705	2.35	47.
" " fine. "	1.	50	50.	2000	2.	40.
" common, stock. "	1.8	100	60.	2400	1.67	33.4
"in cases	3.11	180	45.96	1838	2.18	43.6
" common .....per bushel	1.3	80	64.	2560	1.56	31.2
" fine "	1.3	55	44.	1760	2.27	45.4
Salts, Glauber. ....in barrels	9.2	346	37.75	1510	2.65	53.
Sandpaper. See Paper.						

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

S

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Sardines. <i>See Fish.</i>						
Sarsaparilla, in glass. ....in barrels	8.5	260	30.89	1236	3.24	64 8
“ “in cases	2.5	80	33.10	1324	3.02	60.4
Sash, unglazed. ....in packages	36.8	273	7.45	298	13.42	268.4
“ glazed. “	14.6	219	15.10	604	6.62	132.4
Sauce, Pepper .....in boxes	.6	15	30.	1200	3.33	66.6
Sauerkraut. ....in barrels	12.4	470	38.11	1524	2.63	52.6
“in ½ “	6.1	215	35.35	1414	2.83	56.6
Sausages. ....in boxes	3.3	86	26.46	1058	3.78	75.6
“ Bologna. “	3.6	96	27.43	1097	3.65	73.
“ Dried “	2.6	65	26.	1040	3.85	77.
Sausage Casings. ....in kegs	1.3	50	40.	1600	2 50	50.
“ Stuffers. ....in boxes	2.5	70	28 97	1159	3.45	69.
Saws, Buck, K.D. ....in bundles	4.5	30	6.79	272	14.73	294.6
“ on boards. ....each	1.	75	75.	3000	1.33	26.6
“ Circular. ....in boxes	5.4	228	42.75	1710	2.34	46.8
“ Crosscut. “	1.2	97	83.14	3326	1.20	24.
“in cases	4.6	223	49 56	1982	2.02	40.4
Scales, Cotton. <i>See Cotton.</i>						
“ Bullion. ....in cases	12.3	400	32.65	1306	3.06	61.2
“ Counter. ....in boxes	2.3	53	23.56	942	4 24	84.8
“ Platform. “	5.	223	44.60	1784	2.24	44.8
“ Upright, unboxed. ....each	18.1	110	6.08	243	16 56	331.2
“ N.O.S. ....in boxes	3.1	104	33.73	1349	2.96	59.2
Scythe Snaths. <i>See Agricultural Implements.</i>						
Seed, Garden .....in barrels	6.3	220	35.20	1408	2.84	56.8
“ “in bags	5.9	256	44.52	1781	2.22	44.4
“ “ in packages. ....in cases	6.9	125	19.75	790	5 06	101.2
“ “in boxes	3.4	102	30.60	1224	3.27	65.4
“ Canary, 1-lb. packages. “	1.5	55	38.82	1553	2.58	51.6
Seed, Celery. ....in bags	7.5	215	28.99	1160	3.45	69.
“ Alfalfa .....per bushel	1.3	60	48.	1920	2.08	41.6
“ Blue Grass “	1.3	14	11.20	448	8.93	178.6
“ Clover “	1.3	60	48.	1920	2.08	41.6

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

S

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Seed, Flax.....per bushel	1.3	56	44.80	1792	2.23	44.6
“ Hemp.....“	1.3	44	35.20	1408	2.84	56.8
“ Hungarian.....“	1.3	45	36.	1440	2.78	55.6
“ Millet.....“	1.3	45	36.	1440	2.78	55.6
“ Orchard.....“	1.3	14	11.20	448	8.93	178.6
“ Red Top.....“	1.3	14	11.20	448	8.93	178.6
“ Timothy.....“	1.3	45	36.	1440	2.78	55.6
Scorifiers, 2¼ in.....in barrels	8.5	443	52.63	2097	1.90	38.
“ 2½ in.....“	8.5	375	44.55	1782	2.24	44.8
Seltzer Water. <i>See Mineral Water.</i>						
Sewing Machines, S.U.....crated	18.5	125	6.79	272	14.73	294.6
“ “ K.D.....in boxes	6.6	125	19.23	769	5.20	104.
“ “ Covers, Tills and Extras in cases	21.5	160	7.47	299	13.39	267.8
“ “ Castings.....“	6.11	215	31.08	1243	3.22	64.4
“ “ Heads.....in boxes	.10	35	42.	1680	2.38	47.6
“ “ Trimmings.....in cases	7.	87	12.43	897	8.05	161.
Shades, Window.....“	6.10	60	8.78	351	11.39	227.8
Sheeting, domestic.....“	14.11	470	31.51	1260	3.17	63.4
“in cases	23.8	481	20.32	813	4.92	98.4
“in bales	9.3	279	30.16	1206	3.32	66.4
Shells, Mother of Pearl.....in cases	7.9	308	39.74	1590	2.52	50.4
Shell Bark.....in barrels	5.3	160	30.48	1219	3.28	65.6
Shingles. <i>See table.</i>						
Shingle Straps, zinc.....in cases	4.5	421	95.32	3813	1.05	21.
Shoddy, compressed.....in bales	23.2	520	18.46	738	5.42	108.4
“ packed.....in sacks	22.2	190	8.57	343	11.67	233.4
“ loose.....“	26.3	123	4.69	188	21.32	426.4
Shipping Cases.....in packages	6.1	50	8.22	329	12.17	243.4
Shirting.....in cases	20.3	220	10.86	434	9.21	184.2
“in bales	13.9	403	29.31	1172	3.41	68.2
Shoe Blacking.....in barrels	7.2	284	39.63	1585	2.52	50.4
“ “in boxes	4.10	310	64.14	2566	1.56	31.2
“ “ in tin.....in cases	6.3	290	46.40	1856	2.16	43.2
“ “ “.....in crates	2.11	75	25.70	1028	3.89	77.8

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

S

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet Per Ton.
Shoe Dressing in boxes	2.2	38	17.54	703	5.70	114.
“ “ in boxes. crated	1.10	66	36.	1440	2.78	55.6
Shoes, Horse. <i>See Horse Shoes.</i>						
Shot, in sacks. in cases	1.4½	209	152.	6080	.66	13.2
“ in kegs	1.1	230	212.30	8492	.47	9.4
Shovels. <i>See Agricultural Implements.</i>						
Show Cards, paper. in cases	4.4	47	10.85	434	9.22	184.4
“ “ framed. in crates	6.10	155	22.68	967	4.41	88.2
Show Cases boxed	26.10	200	7.45	298	13.42	268.4
Shucks, Corn. in bales	28.9	243	8.45	338	11.83	226.6
Sieves, nested. in casks	29.1	661	22.73	909	4.40	88.
“ “ in barrels	6.1	133	21.86	874	4.57	91.4
“ in boxes	1.6	16	10.67	427	9.37	187.4
“ in bundles	4.6	22	4.89	196	20.45	409
Silver Bullion, 998 fine, in bars. each	⅝.	80	577.80	23112	.17	3.5
Signs, iron. in boxes	.11	20	21.82	873	4.58	91.6
Sinks, ½ doz., nested	3.10	135	35.22	1409	2.84	56.8
“ each	1.1	35	32.31	1292	3.10	62.
Single-trees. <i>See Vehicles.</i>						
Slate, in slabs. in boxes	5.	460	92.	3680	1.09	21.8
“ Pencils. “	4.3	273	64.24	2570	1.56	31.2
Slates, School. “	3.4	117	35.10	1404	2.85	57.
“ rough. “	8.5	315	37.43	1457	2.67	53.4
Sleighs. <i>See Vehicles.</i>						
Smoke Stacks, Locomotive. boxed	175.5	1125	6.41	256	15.60	312.
Smoked Meat. <i>See Meat.</i>						
Smoking Tobacco. <i>See Tobacco.</i>						
Snuff. in hogsheads	39.8	820	20.67	827	4.83	96.6
“ in tierces	22.4	553	24.76	990	4.04	80.8
“ in barrels	6.11	175	25.30	1012	3.95	79.
“ in cases	3.3	80	24.62	985	4.06	81.2
“ in boxes crated	2.3	83	36.89	1476	2.71	54.2
“ in jars in boxes	1.8	50	30.	1200	3.33	66.6
“ in bladders in barrels	7.5	170	21.80	912	4.59	91.8

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

S

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Snuff in bladders.....in ½ barrels	4.4	120	31.54	1262	3.17	63.4
“ “in kegs	2.10	60	21.18	847	4.72	94.4
Soap, common.....in hogsheads	49.3	1978	40.16	1606	2.49	49.8
“ “in cases	2.1	112	53.76	2150	1.83	36.6
“ “in boxes	1.9	79	45.14	1805	2.22	44.4
“ “ “	.6	25	50.	2000	2.	40.
“ Castile.....in crates	7.6	236	31.47	1259	3.18	63.6
“ “in boxes	1.	40	40.	1600	2.50	50.
“ Fancy..... “	4.10	155	32.07	1283	3.12	62.4
“ Sand.....in boxes	1.6	80	53.33	2133	1.88	37.6
Soapstone..... “	3.9	270	72.	2880	1.39	27.8
Soda, ash.....in casks	27.1	1078	39.80	1592	2.51	50.2
“ “in barrels	8.5	358	42.53	1701	2.35	47.
“ Super-Carbonate..... “	9.2	421	45.93	1837	2.18	43.6
“ “ “in kegs	2.9	120	43.64	1746	2.29	45.8
“ “ “in boxes	1.4	63	51.	2040	1.96	39.2
“ “ “in ½ “	.9	41	54.67	2187	1.83	36.6
“ Sal.....in casks	12.6	637	50.96	2038	1.96	39.2
“ “in barrels	11.4	400	35.29	1412	2.83	56.6
“ “ in paper drums.....in boxes	2.3	120	53.33	2133	1.88	37.6
“ “ “	1.8	77	46.20	1848	2.17	43.4
“ Bi-Carbonate.....in kegs	2.11	140	48.	1920	2.08	41.6
“ Caustic.....in drums	6.11	510	73.73	2949	1.36	27.2
“ Crude.....in sacks	2.4	130	55.71	2228	1.80	36.
“ Silicate.....in barrels	11.	553	50.27	2011	1.99	39.8
Soda Fountains.....each	16.2	546	33.77	1351	2.97	59.4
Sodawater Fountains, copper.....each	3.9	40	10.67	427	9.37	187.4
Solder.....in kegs	2.3	412	183.11	7324	.55	11.
“in boxes	1.2	250	214.29	8572	.47	9.4
Soup, Tomato, in cans..... “	1.1	45	41.54	1662	2.41	48.2
Sorghum Mills. <i>See Mills.</i>						
Spades. <i>See Agricultural Implements.</i>						
Spanish-brown.....in kegs	.8	116	174.	6950	.57	11.4
Spar.....in hogsheads	36.4	2211	60.85	2434	1.64	32.8

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

S

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Spices.....in bags	5.9	110	19.13	765	5.23	104.6
“.....in boxes	5.10	156	26.74	1070	3.74	74.8
“ in boxes.....crated	7.9	215	27.74	1110	3.60	72.
Spikes. <i>See Iron.</i>						
Spirits of Turpentine. <i>See Turpentine.</i>						
Spokes. <i>See Vehicles.</i>						
Sponges.....in bales	11.3	120	10.67	427	9.37	187.4
Spools...in cases	42.8	606	14.20	568	7.04	140.8
Spool Cotton. <i>See Thread.</i>						
Spoons and Forks.....in cases	3.4	172	51.60	2064	1.94	38.8
Springs, Bed. <i>See Bed Springs.</i>						
Squash, California, S.B. Trade.....one	15.11	304	19.10	764	5.24	104.8
“.....in crates	8.	194	24.25	970	4.12	82.4
Stamped Ware.....in cases	15.3	205	13.44	538	7.44	148.8
“ “ nested.....“	.9	53	70.67	2827	1.42	28.4
Starch.....in barrels	6.11	262	37.88	1515	2.64	52.8
“ in boxes.....crated	4.5	110	24.91	996	4.01	80.2
“.....in boxes	1.3	40	32.	1280	3.13	62.6
“ China, imported.....“	1.9	90	51.43	2057	1.94	38.8
Stationery.....in cases	6.11	203	29.31	1172	3.41	68.2
Stearine.....in tierces	11.8	425	36.43	1457	2.74	54.8
“.....in barrels	9.10	388	39.46	1578	2.53	50.6
Stirrups, 1¼ in., wood.....crated	7.1	67	9.46	378	10.57	211.4
“ 2 in., “.....“	7.3	75	10.34	414	9.68	193.6
“ metal bound.....“	4.5	70	15.85	634	6.31	126.2
Stone-ware.....in hogsheads	38.9	607	15.66	626	6.39	127.8
“.....in crates	63.3	920	14.55	582	6.87	137.4
Stone, Granite. <i>See table.</i>						
Stove, Cooking, S.U.....each	6.6	159	24.46	978	4.09	81.8
“ Parlor, S.U.....“	2.4	35	15.	600	6.67	133.4
“ “ K.D.....boxed	18.8	356	19.07	763	5.24	104.8
Stoves, Gas.....in crates	18.9	190	10.13	405	9.87	197.4
“ Gasoline, large.....“	33.6	145	4.33	173	23.10	462.
“ “ small.....“	2.4	16	6.66	274	14.58	291.6

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES

S

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Stoves, Vapor. ....in crates	2.7	21	8.13	325	12.30	246.
Stove Pipe Elbows. <i>See Elbows.</i>						
“ “ <i>See Pipe.</i>						
“ Oil.....in cases	6.3	82	13.12	525	7.62	152.4
“ “ “	3.	48	16.	640	6.25	125.
“ Furniture. ....in crates	17.	235	13.83	553	7.23	144.6
“ Polish.....in boxes	.4½	24	64.	2560	1.56	31.2
Straw-cutters. <i>See Agricultural Implements.</i>						
“ compressed.....in bales	27.10	143	5.14	205	19.34	386.8
“ Goods.....in cases	5.	30	6.	240	16.67	333.4
“ Bottle Covers.....in bundles	9.1	80	8.81	352	11.33	226.6
“ Boards..... “	2.10	50	17.65	706	5.67	112.4
Sugar, Golden C.....in barrels	8.5	340	40.40	1616	2.48	49.6
“ Extra C..... “	8.5	293	34.81	1392	2.87	57.4
“ Granulated..... “	8.5	295	35.05	1402	2.85	57.
“ Cube..... “	8.5	230	27.33	1093	3.66	73.2
“ Crushed “	8.5	230	27.33	1093	3.56	73.2
“ Confectionery..... “	8.5	325	38.61	1544	2.59	51.8
“ Golden C..... in ½ “	4.3	166	39.06	1562	2.56	51.2
“ Extra C..... “ “	4.3	146	34.35	1374	2.90	58.
“ Granulated..... “ “	4.3	143	33.65	1346	2.97	59.4
“ Cube..... “ “	4.3	106	24.94	998	4.01	80.2
“ Crushed..... “ “	4.3	109	25.65	1026	3.90	78.
“ Golden C and Granulated.....in sacks	2.3	101	44.89	1796	2.22	44.6
“ Raw.....in mats	17.8	675	38.21	1528	2.62	52.4
“ China..... “	1.2	50	42.86	1714	2.33	46.6
“in hogsheads	33.11	1954	57.60	2304	1.74	34.8
“ Golden C and Granulated.....in boxes	.9½	35	44.21	1768	2.26	45.2
“ Cube and Crushed..... “	.11	30	32.73	1309	3.06	61.2
“ Bar..... “	.10	35	42.	1680	2.38	47.6
“ “ in tins..... “	1.3	40	32.	1280	3.13	62.6
“ Grape..... “	1.5	25	17.70	708	5.65	113.
“ Lemon..... “	.11	10	10.91	436	9.16	183.2
“ Mills. <i>See Mills.</i>						

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

S—T

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds, per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet Per Ton.
Sugar Pans.....each	14.3	175	12.28	491	8.14	162.8
“ of Lead, brown.....in casks	9.4	776	83.14	3326	1.20	24.
“ “ red.....in ½ barrels	3.7	572	159.63	6385	.63	12.6
Sulphur, pulverized.....in “	8.5	385	45.74	1830	2.19	43.8
“ “in sacks	2.	110	55.	2200	1.82	36.4
“in barrels	5.5	212	39.14	1566	2.55	51.
“ sub.....in sacks	2.9	100	36.36	1454	2.75	55.
Sumac Extract.....in barrels	10.8	504	47.25	1890	2.12	42.4
“in bags	5.5	164	30.28	1211	3.30	66.
Syrup .....in casks	12.4	700	56.76	2270	1.76	35.2
“in barrels	10.2	608	59.80	2392	1.67	33.4
“in kegs	1.3	65	52.	2080	1.92	38.4
“ Maple, in cans.....in boxes	1.3	65	52.	2080	1.92	38.4
“ Drips.....in drums	.10	50	60.	2400	1.67	33.4
“ “ in drums.....in jackets	1.	60	60.	2400	1.67	33.4
“ Lemon.....in boxes	1.2	40	34.29	1372	2.92	58.4

T

Tables and Table Frames. <i>See Furniture.</i>						
Tacks.....in cases	1.8	110	66.	2640	1.52	30.4
Tallow.....in hogsheads	31.11	1337	41.89	1676	2.38	47.6
“in barrels	9.8	383	39.64	1586	2.52	50.4
Tamarinds. <i>See Fruit.</i>						
Tan-bark. <i>See Bark.</i>						
Tapioca.....in boxes	.10	35	42.	1680	2.38	47.6
Tar.....in barrels	5.4	275	51.56	2062	1.94	38.8
“ Wilmington.....“	5.3	279	53.14	2126	1.88	37.6
“ “ large.....“	7.2	305	42.56	1702	2.35	47.
Targets, Blue Rocks.....“	8.5	135	16.04	642	6.23	124.6
Tea.....in chests	3.8	85	23.18	927	4.32	86.4
“in ½ “	1.10	51	27.82	1113	3.56	71.2
“ boxed.....in crates	4.8	92	19.70	788	5.08	101.6
“in caddies	1.7	36	22.74	910	4.40	88

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES

T

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Tea, in caddies.....in cases	5.10	104	17.83	712	5.61	112.2
" wrapped with straw.....in jars	12.3	160	13.06	522	7.66	153.2
Telegraph Supplies.....in cases	3.6	88	25.14	1006	3.98	79.6
Thread, spool, cotton.....in cases	3.9	112	29.87	1195	3.35	67.
" " "in boxes	1.8	47	28.20	1128	3.55	71.
" cotton.....in bales	2.4	62	26.57	1063	3.76	75.2
" spool, silk, in cabinets. ....in cases	14.3	175	12.28	491	8.15	163.
Threshers. <i>See Agricultural Implements.</i>						
Ticket Cases.....each	22.	170	7.73	309	12.93	258.8
Tie Buckles.....in casks	5.11	507	85.69	3428	1.17	23.4
Ties, Cotton.....each	.4½	53	141.72	5669	.71	14.2
" Hay....."	1.	31	31.	1240	3.23	64.6
Tile, Paving (<i>see table</i>).....in cases	3.10	200	52.17	2087	1.92	38.4
Tin, Pig.....unpacked	.2½	72	345.60	13824	.29	5.8
" Plate.....in boxes	1.	187	187.	7480	.53	10.6
" " strapped....."	.8	120	180.	7200	.56	11.2
" Caddies, empty.....in cases	10.1	70	6.94	278	14.54	290.8
" Boxes, "....."	5.8	54	9.54	381	10.48	209.6
" Cans, 500 1-lb. Salmon.....crated	12.9	107	8.39	336	11.92	238.4
" " 441 1-lb. " flat....."	12.9	98	7.69	308	13.	260.
" " 330 2-lb. Fruit....."	13.9	114	8.29	332	12.06	241.2
" " 250 2½-lb. "....."	13.9	111	8.07	323	12.39	247.8
" " 225 3-lb. "....."	13.9	106	7.71	308	12.97	259.4
" " 144 ¼-gallon....."	9.1	66	7.27	291	13.75	275.
" " 144 ½ "....."	13.5	89	6.63	265	15.08	301.6
" " 84 1 "....."	13.9	90	6.55	262	15.27	305.4
" " 350 2-lb. Jelly....."	13.9	116	8.44	338	11.85	237.
" " 234 2½-lb. Asparagus....."	13.9	117	8.51	340	11.75	235.
" " 84 6-lb. Meat....."	13.9	85	6.18	247	16.18	323.6
" Can Crates.....each	13.9	22	1.60	64	62.50	1250.
" Ware.....in cases	25.3	233	9.23	369	10.83	216.6
" ".....in boxes	10.	70	7.	280	14.29	285.6
" " nested.....in cases	13.5	340	25.34	1014	3.95	79.
" " ".....in barrels	6.6	120	18.46	738	5.41	108.2

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

T

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Tin Ware, pressed.....in cases	22.	60	2.73	106	36.63	732.6
“ “in Queenware crates	63.6	435	6.85	274	14.60	292.
“ “ “ cases	18.8	197	10.55	422	9.48	189.6
“ “ stamped N .....in cases	15.3	205	13.44	53	7.44	148.8
Tinned Wire.....in barrels	5.7	280	50.15	2006	1.99	39.8
“ Oil Tanks.....crated	18.2	70	3.85	154	25.97	519.4
Tire Benders. <i>See Iron.</i>						
Tobacco, Chewing.....in boxes	1.3	73	58.40	2335	1.71	34.2
“ “in caddies	1.9	100	57.14	2286	1.75	35.
“ “in pails	1.	16	16.	640	6.25	125.
“ Cut.....in cases	6.9	157	23.26	930	4.30	86.
“in boxes	1.10	44	24.	960	4.17	83.4
“ Durham.....in cases	3.	75	25.	1000	4.	80.
“ Leaf.....in bales	4.2½	90	21.39	856	4.68	93.6
“ “in cases	22.9	446	19.61	784	5.10	102.
“ “in boxes	6.5	156	24.31	972	4.11	82.2
“ “ Domestic .....in cases	21.11	439	20.03	801	4.99	99.8
“ Plug.....in boxes	2.11	135	46.63	1865	2.14	42.8
“ Smoking..... “	1.6	30	20.	800	5.	100.
“ “ Plug Cut “	2.	30	15.	600	6.67	133.4
“ Stems, compressed.....in bales	12.4	210	17.03	681	5.87	117.4
Tomatoes. <i>See Fruit.</i>						
Tongue, dried.....in boxes	2.7	59	22.84	914	4.38	87.6
Tools, Mechanics'..... “	1.9	91	52.	2080	1.92	38.4
Toothpicks, wooden..... “	3.9	60	16.	640	6.25	125.
Tow.....in bales	6.5	125	19.48	779	5.13	102.6
Toys.....in boxes	31.6	208	6.60	264	15.15	303.
Traps.....in crates	4.8	20	4.29	172	23.31	466.2
“in bundles	7.11	15	1.89	76	52.91	1058.2
Trays, Wooden.....in racks	16.7	113	6.81	272	14.68	293.6
“ “in packages	2.8	50	18.75	750	5.33	106.6
Trees and Shrubbery.....in boxes	56.6	848	15.01	600	6.66	133.2
“ Fruit..... “	12.1	132	10.92	437	9.17	183.4
“ “ in straw.....in bundles	34.9	316	9.09	361	11.	220.

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

T

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Tricycles, S.U. crated	60.	125	2.08	83	48.08	961.6
Triticum in boxes	2.9	100	36.36	1454	2.75	55.
Trucks, hand warehouse each	20.	117	5.85	234	17.27	345.4
“ “ packed	39.5	351	8.90	356	11.25	225.
“ iron dump each	92.9	525	5.66	226	17.67	353.4
Trunks, empty (<i>see also table</i>) each	7.4	49	6.68	267	14.97	299.4
“ nested	8.7	70	8.16	326	12.25	245.
“ filled with mdse. each	5.2	77	14.90	596	6.71	134.2
“ “ “ boots and shoes. “	3.8	65	17.73	709	5.64	112.8
“ XX Sole Leather length 28 inches	4.10	43	8.50	356	11.24	224.8
“ “ “ “ “ 30 “	5.10	48	8.23	329	12.15	243.
“ “ “ “ “ 32 “	7.3	54	7.45	298	13.42	268.4
“ “ “ “ “ 34 “	8.6	59	6.94	280	14.41	288.2
“ “ “ “ “ 36 “	9.8	64	6.62	265	15.11	302.2
“ Packing “ 24 “	1.10	12	6.55	262	15.27	305.4
“ “ “ 27 “	3.1	15	4.87	195	20.53	410.6
“ “ “ 32 “	4.9	21	4.42	177	22.62	452.4
“ “ “ 36 “	7.6	28	3.73	149	29.49	589.8
“ “ 24 and 27 inches. nested	3.1	27	8.76	350	11.42	228.4
“ “ 24, 27 and 32 inches. “	4.9	48	10.11	404	9.89	197.8
“ “ 27 and 32 inches. “	4.9	36	7.58	303	13.19	263.8
“ “ 24, 27 32 and 36 inches. “	7.6	116	15.47	619	6.46	129.2
“ “ 27, 32 and 36 inches. “	7.6	64	8.53	341	11.72	234.4
“ “ 32 and 36 inches. “	7.6	49	6.53	261	15.30	306.
Tubs in nests	3.10	44	11.48	459	8.71	174.2
“ wrapped “	3.6	45	12.86	514	7.78	155.6
Turkeys, in wire coops. each	26.6	255	9.62	383	10.40	208.
“ in wood “ “	16.11	172	10.17	407	9.83	195.6
“ dressed, dry packed in cases	6.5	260	40.52	1621	2.47	49.4
Turnips per bushel	1.3	56	44.80	1792	2.23	44.6
Turpentine. <i>See Spirits of.</i>						
Tule, loose. in rolls	18.4	40	2.18	87	45.87	917.4
“ packed. “	24.1	75	3.11	124	32.15	643.
Turf, compressed in bales	16.5	250	15.23	609	6.57	131.4

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

T-U-V

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet Per Ton.
Twine..... in bales	6.2	141	22.86	914	4.37	87.4
“ in bundles	6.	107	17.83	713	5.61	112.2
“ in cases	23.9	602	25.35	1014	3.94	78.8
“ Binding..... in bundles	2.6	50	20.	800	5.	100.
“ Spring..... in bales	11.11	258	21.65	868	4.62	92.4
Type..... in boxes	.8	93	139.50	5580	.72	14.4
“ in type cases..... in packages	4.9	72	15.16	606	6.60	132.

U

Umbrellas..... in boxes	2.	42	21.	840	4.76	95.2
Underwear, knit, in paper boxes..... in cases	42.9	550	12.87	515	7.77	155.4

V

Vacuum Oil. <i>See Oil.</i>						
Valises..... in cases	16.3	125	7.69	308	13.	260.
Valentines..... in boxes	4.6	90	20.	800	5.	100.
Varnish..... in barrels	6.1	280	46.03	1841	2.17	43.4
“ in kegs	2.1	65	31.20	1248	3.21	64.2
“ in cases	1.10	125	68.18	2727	1.47	29.4
“ Japan..... in barrels	11.11	440	36.92	1477	2.71	54.2
“ “ in boxes	1.7	68	42.95	1718	2.33	46.6
Vault Lights, projecting reflectors..... in cases	18.4	820	44.73	1789	2.24	44.8
Vehicles and Vehicle Material. <i>See also table.</i>						
Buggies, small, each..... boxed	79.11	399	4.99	200	20.04	400.8
“ large, “ “	91.2	604	6.63	262	15.08	301.6
“ S.U., “ unboxed	308.8	334	1.08	43	92.59	1851.8
Buggy Seats, rough..... in bundles	2.5	100	41.37	1665	2.42	48.4
Carriages, large boxed	394.1	905	2.30	92	43.48	869.6
“ small..... “	165.6	653	3.95	158	25.32	506.4
“ unboxed	456.7	700	1.53	61	65.36	1307.2
“ Open..... each	223.	905	4.06	162	24.63	492.6
“ Rockaway..... “	449.6	1910	4.25	170	23.53	470.6

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES

V

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
<i>Vehicles and Vehicle Material—Continued.</i>						
Carriages, Sidebar Buggy.....each	120.	390	3.25	130	30.77	615.4
“ Wheels.....boxed	52.8	130	2.47	99	40.49	809.8
“ Child's, K.D.....in cases	27.	222	8.22	329	12.17	243.4
“ “ “crated	18.	85	4.72	189	21.19	423.8
“ “ “in bundles	4.2	118	28.32	1133	3.53	70.6
“ Doll. ....in cases	7.5	11	1.48	59	67.57	1351.4
Carts, S.U.....each	111.8	1100	9.85	394	10.15	203.
“ K.D.....“	80.6	1100	13.66	546	7.32	146.4
“ light K.D., each.....crated	21.4	305	14.30	572	6.99	139.8
Phaeton, S.U., top down.....each	295.9	450	1.52	61	65.79	1315.8
Sleighs.....“	120.8	455	3.77	151	26.53	530.6
Sulkies, K.D.....in bundles	34.	130	3.82	153	26.18	523.6
“ “ tied compact“	29.3	121	4.14	166	24.15	483.
“ Racing, S.U.....each	88.6	54	.69	28	144.93	2898.6
Sulky Wheels.....in bundles	12.4	45	3.66	146	27.32	546.4
“ Seat and Springs.....“	10.6	40	3.81	142	26.25	525.
“ Shaft and Axle“	11.2	45	4.03	161	24.81	496.2
Wagons, Jersey.....boxed	114.6	1040	9.08	363	11.01	220.2
“ Road, 4 seats.....crated	63.9	500	7.84	314	12.76	255.2
“ Top ““	111.4	475	4.27	171	23.42	468.4
“ Spring, top up, K.D.....“	177.4	830	4.68	187	21.37	427.4
“ Side Spring, no top, K.D....“	76.8	710	9.26	370	10.80	216.
“ Business, S.U.....each	106.3	407	3.82	153	26.18	523.6
“ Runabout, K.D.....crated	81.9	485	5.94	238	16.84	336.8
“ “ Body.....“	17.1	110	6.44	258	15.53	310.6
“ “ Wheels“	16.9	160	9.55	382	10.47	209.4
“ “ 2 Seats“	12.8	80	6.32	253	15.82	316.4
“ “ Gear.....	31.6	110	3.49	140	28.65	573.
“ “ Shaft.....	3.9	25	6.67	267	14.99	299.8
“ Child's, K.D... ..in cases	19.10	175	8.82	353	11.34	226.8
“ “ “crated	39.2	716	18.28	731	5.47	109.4
“ “ “in bundles	3.9	32	8.53	341	11.72	234.4
“ Toy.....crated	6.10	72	10.54	422	9.49	189.8

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

V

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet Per Ton.
<i>Vehicles and Vehicle Material—Continued.</i>						
Wagon Felloes. crated	12.8	417	32.92	1317	3.04	60.8
“ “ in bundles	7.5	58	7.82	313	12.79	255.8
“ Timber. in packages	240.1	585	2.44	98	40.98	819.6
“ Wheels. crated	16.3	81	4.98	199	20.08	401.6
“ Spokes. in boxes	13.9	587	42.69	1708	2.34	46.8
“ “ in bundles	1.11	70	36.52	1461	2.74	54.8
“ Hubs. crated	46.	782	17.	680	5.83	117.6
Neck-yokes “	8.7	198	23.07	923	4.33	86.6
Single-trees in bundles	.9	15	20.	800	5.	100.
Veneering in cases	34.4	200	5.83	233	17.15	343.
Vermicelli in boxes	1.	27	27.	1080	3.70	74.
Vinegar. in barrels	8.1	420	51.96	2078	1.92	38.4
Vises. <i>See Iron.</i>						

W

Wagons. <i>See Vehicles.</i>						
Warp in bales	22.7	355	15.72	629	6.36	127.2
Washboards in packages	2.4	40	17.14	687	5.83	116.6
Washstands. <i>See Furniture.</i>						
Washing Crystals in cases	8.9	345	39.43	1577	2.54	50.8
“ Machines. each	10.2	165	16.23	649	6.16	123.2
Wash-blue (<i>see also Blueing</i>) in boxes	2.11	50	17.14	686	5.83	116.6
Waste. <i>See Shoddy.</i>						
Water Closets, Iron each	2.3	50	22.23	889	4.50	90.
“ “ Earthen crated	5.6	100	18.18	727	5.50	110.
“ “ “ boxed	7.3	130	17.93	717	5.57	111.4
Water, Mineral. <i>See Mineral Water.</i>						
“ Drawers. each	12.8	115	9.08	363	11.01	220.2
“ Coolers “	9.8	110	11.38	455	8.79	175.8
“ Buckets. <i>See Buckets.</i>						
Webbing in bales	6.4	195	30.79	1232	3.23	64.6
Well Buckets. <i>See Buckets.</i>						

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

W

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Wheat..... in sacks	3.2	143	45.16	1806	2.21	44.2
“ Flaked..... in barrels	8.11	170	19.07	763	5.24	104.8
“ (see table)..... per bushel	.....	.....	.....	.....	.....	.....
Wheels. <i>See Vehicles.</i>						
Wheelbarrows. <i>See Agricultural Implements.</i>						
Whips..... in bundles	2.4	50	21.43	857	4.67	93.4
Whisky (see also <i>Liquor</i>)..... in barrels	9.11	492	49.61	1984	2.02	40.4
Whiting, imported..... “	8.5	429	50.97	2039	1.96	39.2
White Lead. <i>See Lead.</i>						
Willow Ware..... in cases	30.7	143	4.70	188	21.28	425.6
Window Glass. <i>See Glass.</i>						
“ Sash. <i>See Sash.</i>						
“ Shades..... in packages	12.3	110	8.98	359	11.14	222.8
Wine. <i>See table.</i>						
Wire..... in rolls	1.	58	58.	2320	1.72	34.4
“ Barbed Fence on reels	3.3	110	33.84	1354	2.96	59.2
“ Cloth..... in rolls	3.9	124	33.07	1323	3.02	60.4
“ Cable..... on reels	100.	10250	102.50	4100	.98	19.6
“ Fence Staples in boxes	.11	56	61.09	2444	1.64	32.8
“ Figures..... crated	10.2	35	3.44	138	29.07	581.4
“ Galvanized..... in rolls	3.8	127	34.64	1386	2.89	57.8
“ “..... in coils	1.6	107	71.33	2853	1.40	28.
“ Mattress, tinned..... in barrels	6.6	400	61.54	2462	1.62	32.4
“ “..... “	11.8	705	60.43	2417	1.65	33.
“ Telegraph..... in coils	.....	.....	.....	.....	.....	.....
“ Work..... crated	26.2	155	5.92	237	16.89	337.8
Wood Pulp, East..... in bales	9.11	215	21.68	867	4.61	92.2
“ “ West..... “	23.3	470	20.22	809	4.95	99
“ in shape..... in boxes	8.	77	9.63	385	10.38	207.6
Wooden Ware..... in bundles	18.	237	13.17	527	7.59	151.8
Wool, domestic, East..... in bales	27.8	190	6.87	275	14.56	291.2
“ “ West..... in sacks	26.3	235	8.95	358	11.17	223.4
“ “ compressed, East..... in bales	24.3	426	17.57	703	5.68	113.6
“ “ “ West..... “	21.	400	19.05	762	5.25	105.

MERCHANDISE.

COMPARATIVE WEIGHTS AND MEASURES.

W—Y—Z

ARTICLES.	Cubic Feet per Pkg.	Pounds per Pkg.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Wool, imported.....in sacks	18.3	186	10.19	408	9.81	196.2
“ “ compressed.....in bales	13.3	273	20.60	824	4.85	97.
“ Shoddy. <i>See Shoddy.</i>						
Woolen Piece Goods.....in cases	29.2	551	18.89	756	5.29	105.8
Worcestershire Sauce.....in boxes	1.11	40	20.87	835	4.79	95.8
Writing and Wrapping Paper. <i>See Paper.</i>						
“ Ink. <i>See Ink.</i>						
Y						
Yarn.....in sacks	25.6	255	10.	400	10.	200.
“in bags	13.6	173	12.81	512	7.80	156.
“in bales	16.5	382	23.27	931	4.30	86.
“in cases	18.11	247	13.06	522	7.65	153.2
Yeast.....in barrels	7.8	190	24.78	991	4.04	80.8
“ Cake.....in boxes	.10	30	36.	1440	2.78	55.6
“ Powder “	.7	16	27.43	1097	3.65	73.
Z						
Zinc, Block.....in boxes	2.5	460	190.34	7614	.53	10.6
“ Oxide of .....in barrels	7.2	219	30.56	1222	3.27	65.4
“ Sheet.....in boxes	3.2	494	155.79	6232	.64	12.8
“ “in packages	3.1	246	79.78	3191	1.25	25.
“ “in rolls	2.3	140	62.22	2489	1.61	32.2
“ Spelter.....in iron drums	2.4	260	111.43	4457	.90	18.
“ “ heavy..... “ “	3.10	641	167.22	6689	.60	12.
“ Paint. ....in kegs	3.2	116	36.63	1465	2.73	54.6
“ White, pulverized, imported..in ½ barrels	4.6	125	27.78	1111	3.60	72.

TRUNKS, EMPTY.

COMMON.

Length in Inches.	Cubic Feet per Package.	Pounds per Package.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 Lbs.	Cubic Feet per Ton.
26	4.6	28	6.22	249	16.09	321.8
26	4.6	34	7.56	302	13.23	264.6
26	4.6	37	8.22	329	12.17	243.4
28	5.5	31	5.72	229	17.48	349.6
28	5.5	38	7.	280	14.29	285.8
28	5.5	40	7.38	295	13.55	271.
28	5.5	42	7.75	310	12.90	258.
28	5.5	45	8.31	332	12.03	240.6
28	5.5	46	8.48	339	11.79	235.8
28	5.5	48	8.86	354	11.29	225.8
30	6.6	34	5.23	209	19.12	382.4
30	6.6	43	6.62	265	15.11	302.2
30	6.6	47	7.23	289	13.83	276.6
30	6.6	48	7.38	295	13.55	271.
30	6.6	53	8.15	326	12.27	245.4
32	7.8	38	4.96	198	20.16	403.2
32	7.8	49	6.39	256	15.65	313.
32	7.8	52	6.78	271	14.75	295.
32	7.8	53	6.91	276	14.47	289.4
32	7.8	54	7.04	282	14.20	284.
32	7.8	56	7.30	292	13.70	274.
32	7.8	58	7.57	303	13.21	264.2
34	9.	41	4.56	182	21.93	438.6
34	9.	55	6.11	244	16.37	327.4
34	9.	57	6.33	253	15.80	316.
34	9.	58	6.44	258	15.53	310.6
34	9.	62	6.70	268	14.93	298.6
34	9.	63	7.	280	14.29	285.8
36	10.5	58	5.57	223	17.95	359.
36	10.5	61	5.86	234	17.06	341.2
36	10.5	63	6.05	242	16.53	330.6
36	10.5	64	6.14	247	16.29	325.8
36	10.5	71	6.82	273	14.66	293.2

Stone, Earth, and Coal.

METALS AND MINERALS.

LIQUIDS.

It will readily be seen that the tables relating to Stone, Earth, Coal, etc., are computed in like manner as those giving the Weights and Measurements of General Merchandise, and the facts as to the pounds and cubic feet and fractions of a cubic foot are the same. This being true, further explanation would seem unnecessary. In referring to these tables it may be well to state that it is not the purpose of this work to give the number of pounds per inch a given kind of rock will sustain as a test of resistance, or crushing test, as such information would be of little practical use or benefit in the direct line of the principal object in view, that of transportation. In addition to the weights and measures the specific gravity is given of every article. The specific gravity or the weight of a body is the proportion it bears to the weight of another body of known density, or equal volume, adopted as a standard. As water at 62° Fahr. weighs 997.68 ounces avoirdupois, or 62.43 pounds, to the cubic foot, its weight is taken as a unit. The specific gravity multiplied by $62\frac{1}{2}$ will give the weight in pounds per cubic foot.

A common two-wheel one-horse dump-cart has a capacity of about 40 cubic feet. Coal, loose and broken, will vary in weight according to the quality and the size to which it is broken. Anthracite will vary from 52 to 58 pounds, but will average about 55 pounds to the cubic foot, while Bituminous, broken and loose, will average about 50 pounds per cubic foot. A cart of the cubic capacity given above will, if loaded level with the top of the bed, hold 2200 pounds of Anthracite Coal, and 2000 pounds of Bituminous. It would hold in weight, if filled with common soil, dry, 3000 pounds.

Memo.—To ascertain the number of pounds in a cubic yard of any given substance, multiply the number of pounds in a cubic foot by 27.

As fuel enters very largely into matters of commerce, for steam and other purposes, the following Scale of Equivalentents is given, as the result of tests made by the Quartermaster's Department of the United States Army. Average Oak Wood is the standard.

One Cord of average Oak Wood equals—

1½	Cords Yellow Pine.
1¾	Cords Poplar, White Pine or Cottonwood.
1646	pounds of Australian Brown Coal.
1735	" Laird's Welsh Hartley Coal.
1742	" Westminster Brymbo Welsh Hartley Coal.
1970	" Scotch Splint Coal (Duke of Hamilton's).
1970	" Davison's West Hartley Coal.
1973	" South Prairie Coal.
1974	" South Wellington Coal.
1993	" West Hartley Coal (Cowpen Colliery).
2070	" Nanaimo Coal (Chase River, Vancouver Island).
2129	" Cowpen Campois West Hartley Coal.
2164	" Nanaimo Coke.
2233	" Wellington Coal (Wellington Mine, Departure Bay, Vancouver Island).
2233	pounds of East Wellington Coal.
2332	" Franklin Mine Coal (Washington).
2406	" Wahsatch Rocky Mountain Coal.
2450	" Seattle Brown Coal.
2543	" Southfield Coal.
2592	" Mount Diablo Coal (not herein specified).
2626	" Coos Bay Coal, Oregon (not herein specified).
2641	" Bellingham Bay Coal.
2859	" Eastport Coal (Coos Bay, Oregon).
2965	" Pittsburg Mount Diablo Coal.
3170	" White Ash Black Diamond Coal.

Note—Referring to Liquids, many transportation companies receive and ship Coal Oil or Carbon, Crude Petroleum, Lubricating Petroleum, Benzine, Gasoline and Naphtha at $6\frac{3}{10}$ pounds per gallon.

Stone, Earth, Coal, Etc.

SUBSTANCE.	Specific Gravity.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Alabaster, white.....	2.73	170.63	6825	.59	11.8
" yellow..	2.61	163.12	6525	.62	12.4
Asbestos, starry..	3.07	191.87	7675	.52	10.4
Asphalt, solid.....	2.25	140.62	5625	.71	14.2
Basalt.....	2.74	171.25	6860	.58	11.6
" 	2.86	178.75	7150	.56	11.2
Bitumen, red.....	1.16	72.5	2900	1.38	27.6
" brown.....	.83	51.87	2075	1.93	38.6
Bituminous Rock, California, black.....	2.16	135.17	5407	.74	14.8
Brick, common.....	1.37	85.62	3425	1.17	23.4
" " 	1.9	118.75	4750	.85	17.
" Pressed.....	2.4	150.	6000	.66	13.2
" Fire.....	2.2	137.5	5500	.73	14.6
" Work, in Cement.....	1.8	112.5	4500	.89	17.8
" " " Mortar	1.6	100.	4000	1.	20.
" " " " 	2.	125.	5000	.8	16.
Carbon, solid.....	3.5	218.75	8750	.46	9.2
Caoutchouc, solid.....	.93	58.13	2325	1.73	34.6
Cement, Portland.....	1.3	81.25	3250	1.23	24.6
" Roman.....	1.56	97.5	3900	1.03	20.6
Chalk, solid.....	1.52	95.	3800	1.05	21.
" " 	2.78	173.75	6950	.58	11.6
Clay, solid.....	1.93	120.63	4825	.83	16.6
" with Gravel, solid.....	2.48	154.94	6198	.65	13.
" prepared dry.....	1.22	76.25	3050	1.31	26.2
" " wet.....	2.03	126.87	5075	.79	15.8
Coal, Anthracite, solid.....	1.35	84.38	3375	1.19	23.8
" " " 	1.44	90.	3600	1.11	22.2
" " " 	1.64	102.5	4100	.98	19.6
" Caking, " 	1.28	80.	3200	1.25	25.
" Cherry, " 	1.28	80.	3200	1.25	25.
" Chile, " 	1.29	80.63	3225	1.24	24.8
" Derbashire, " 	1.29	80.63	3225	1.24	24.8
" Lancaster, " 	1.27	79.38	3175	1.26	25.2
" Maryland, " 	1.36	85.	3400	1.18	23.6

Stone, Earth, Coal, Etc.

SUBSTANCE.	Specific Gravity.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Coal, Newcastle, solid	1.27	79.38	3175	1.26	25.2
“ Rive de Gier, “	1.30	81.25	3250	1.23	24.6
“ Borneo, “	1.29	80.63	3225	1.24	24.8
“ Cannel, “	1.24	77.50	3100	1.30	26.
“ “ “	1.32	82.50	3300	1.21	24.2
“ Scotch, “	1.26	78.75	3150	1.27	25.4
“ “ “	1.30	81.25	3250	1.23	24.6
“ Splint, “	1.30	81.25	3250	1.23	24.6
“ Wales, mean	1.32	82.50	3300	1.21	24.2
“ Anthracite, broken, loose .....	.88	55.	2200	1.82	36.4
“ Bituminous	1.28	80.	3200	1.25	25.
“ “ broken, loose .....	.80	50.	2000	2.	40.
Charcoal .....	.29	18.12	725	5.50	110.
Coke	1.00	62.50	2500	1.60	32.
“ Nat'l Virginia .....	.75	46.87	1875	2.13	42.6
Concrete, in Cement	2.20	137.50	5500	.73	14.6
“ mean	2.00	125.	5000	.80	16.
Diamond	3.52	220.	8800	.45	9.
Earth, common soil, dry	1.22	76.25	3050	1.31	26.2
“ sandy and loose	1.50	93.75	3750	1.07	21.4
“ moist sand	2.05	128.13	5125	.78	15.6
“ mold, fresh	2.05	128.13	5125	.78	15.6
“ rammed	1.60	100.	4000	1.	20.
“ rough sand	1.92	120.	4800	.83	16.6
“ with Gravel	2.02	126.25	5050	.79	15.8
“ Potters'	1.90	118.75	4750	.84	16.8
“ light, vegetable	1.40	87.50	3500	1.14	22.8
Emery	4.00	250.	10,000	.40	8.
Feldspar	2.60	162.50	6500	.62	12.4
Fuel, Warlich's	1.15	71.88	2875	1.39	27.8
“ Lignite	1.30	81.25	3250	1.23	24.6
Glass, Bottle	2.73	170.62	6825	.59	11.8
“ Crown	2.49	155.62	6225	.64	12.8
“ Flint	2.93	183.12	7325	.55	11.
“ “	3.20	200.	8000	.50	10.

Stone, Earth, Coal, Etc.

SUBSTANCE.	Specific Gravity.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Glass, green	2.64	165.	6600	.61	12.2
“ Optical	3.45	215.63	8625	.46	9.2
“ white	2.89	180.62	7225	.55	11.
“ Window	2.64	165.	6600	.61	12.2
“ soluble	1.25	78.13	3125	1.28	25.6
Gneiss, common .....	.27	16.88	675	5.92	118.4
Granite, Duluth, Minn., dark	2.78	173.75	6950	.58	11.6
“ Fall River, Mass., gray	2.63	164.38	6575	.61	12.2
“ Garrison, N. Y., “	2.58	161.25	6450	.62	12.4
“ Jersey City, N. J., soap	3.03	189.38	7575	.53	10.6
“ Keene, N. H., bluish gray	2.66	166.25	6650	.60	12.
“ Maine	2.63	164.38	6575	.61	12.2
“ Nuttstone Point, Conn.	2.70	168.75	6750	.59	11.8
“ New London, “	2.66	166.25	6650	.60	12.
“ Quincy, Mass., light	2.69	168.12	6725	.59	11.8
“ Richmond, Va	2.73	170.62	6825	.59	11.8
“ “ “ gray	2.63	164.38	6575	.61	12.2
“ Staten Island, N. Y.	2.86	178.75	7150	.56	11.2
“ Westchester Co., N. Y.	2.65	165.63	6625	.60	12.
“ Westerly, R. I., gray	2.67	166.88	6675	.60	12.
“ Egyptian, red	2.65	165.63	6625	.60	12.
“ Potapso	2.64	165.	6600	.61	12.2
“ Scotch	2.63	164.38	6575	.61	12.2
“ Susquehanna	2.70	168.75	6750	.59	11.8
“ Com., gray	2.80	175.	7000	.58	11.6
Graphite	2.20	137.50	5500	.73	14.6
Gravel, common	1.75	109.37	4375	.91	18.2
“ “	1.90	118.75	4750	.84	16.8
Grindstone, common	2.14	133.75	5350	.75	15.
Hone, white, razor	2.88	180.	7200	.56	11.2
Hornblende	3.54	221.25	8850	.45	9.
Lava, Vesuvius	1.71	106.87	4275	.94	18.8
“ “	2.81	175.62	7025	.57	11.4
Lime, Quick .....	.80	50.	2000	2.00	40.
“ Hydraulic	2.74	171.25	6850	.58	11.6

Stone, Earth, Coal, Etc.

SUBSTANCE.	Specific Gravity	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Limestone, Bardstown, Ky	2.67	166.88	6675	.60	12.
" Caen, France	1.90	118.75	4750	.84	16.8
" Canajoharie, N. Y.	2.68	167.50	6700	.60	12.
" Cooper Co., Mo., dark drab....	2.32	145.	5800	.69	13.8
" Erie Co., N. Y., blue	2.64	165.	6600	.61	12.2
" Garrison's, N. Y.	2.63	164.38	6575	.61	12.2
" Glen Falls, N. Y.	2.70	168.75	6750	.59	11.8
" Joliet, Ill., white	2.54	158.75	6350	.63	12.6
" Kingston, N. Y.	2.54	158.75	6350	.63	12.6
" Lake Champlain, N. Y... ..	2.75	171.88	6875	.58	11.6
" Lime Island, Mich., drab	2.50	156.25	6250	.64	12.8
" Marblehead, Ohio, white	2.40	150.	6000	.67	13.4
" Marquette, Mich., drab	2.34	146.25	5850	.69	13.8
" N.O.S., white	3.16	197.50	7800	.51	10.2
" " green	3.18	198.75	7950	.50	10.
" Sturgeon Bay, Wis., bluish drab	2.78	173.75	6950	.58	11.6
Marble, Adelaide	2.71	169.37	6775	.59	11.8
" African	2.70	168.75	6750	.59	11.8
" Bescayon, black	2.69	168.12	6725	.60	12.
" Carrara	2.72	170.	6800	.59	11.8
" Common	2.69	168.12	6725	.60	12.
" Dorset, Vt.	2.63	164.38	6575	.61	12.2
" Egyptian	2.67	166.88	6675	.60	12.
" East Chester, N. Y.	2.87	179.28	7171	.56	11.2
" French	2.65	165.62	6625	.60	12.
" Inyo, Cal., white	3.03	189.38	7575	.53	10.6
" Italian, white	2.70	168.75	6750	.59	11.8
" " common	2.69	168.12	6725	.60	12.
" Mill Creek, Ill.	2.57	160.63	6425	.62	12.4
" North Bay Wis.	2.80	175.	7000	.57	11.4
" Parian	2.84	177.50	7100	.55	11.2
" Selesian	2.73	170.62	6825	.59	11.8
" Vermont, white	2.65	165.62	6625	.60	12.
Marl mean	1.75	109.37	4375	.91	18.2
" tough	2.34	146.25	5850	.68	13.6

Stone, Earth, Coal, Etc.

SUBSTANCE.	Specific Gravity.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Masonry, rubble	2.05	128.12	5125	.78	15.6
“ Granite	2.64	165.	6600	.61	12.2
“ Limestone	2.64	165.	6600	.61	12.2
“ Sandstone	2.16	135.	5400	.74	14.8
“ Brick	2.24	140.	5600	.71	14.2
“ Brick, rough work	1.60	100.	4000	1.	20.
Millstone	2.48	155.	6200	.65	13.
“ Quartz	1.26	78.75	3150	1.27	25.4
Mud, common	1.63	101.87	4075	.98	19.6
“ wet and fluid	1.78	111.25	4450	.90	18.
“ “ pressed	1.92	120.	4800	.83	16.6
Myrrh	1.36	85.	3400	1.18	23.6
Paving Stone	2.42	151.25	6050	.66	13.2
Pearl, Oriental	2.65	165.63	6625	.60	12.
Peat, Irish, light .....	.28	17.50	700	5.71	114.2
“ “ dense .....	.56	35.	1400	2.86	57.2
“ “ very dense .....	.67	41.88	1675	2.39	47.8
“ black	1.06	66.25	2650	1.51	30.2
“ “	1.33	83.12	3325	1.20	24.
Plaster of Paris	1.18	73.75	2950	1.36	27.2
“ “ “	3.40	212.50	8500	.47	9.4
“ “ “ dry	1.40	87.50	3500	1.14	22.8
Porphyry, red	2.76	172.50	6900	.58	11.6
Pumice Stone .....	.91	56.88	2275	1.76	35.2
Quartz	2.60	162.50	6500	.62	12.4
Rock, Crystal	2.73	170.63	6825	.59	11.8
Rotten Stone	1.98	123.75	4950	.81	16.2
Salt, Rock	2.20	137.50	5500	.73	14.6
“ from pit, fine and dry	1.52	95.	3800	1.05	21.
Salt peter	2.09	130.62	5225	.77	15.4
Sand, coarse	1.80	112.50	4500	.89	17.8
“ common	1.67	104.37	4175	.96	19.2
“ damp and loose	1.39	86.87	3475	1.15	23.
“ dried “	1.56	97.50	3900	1.03	20.6
“ dry	1.42	88.75	3550	1.13	22.6

Stone, Earth, Coal, Etc.

SUBSTANCE.	Specific Gravity.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Sand, mortar, Ft. Richmond.....	1.66	103.75	4150	.96	19 2
“ “ Brookly.....	1.72	107.50	4300	.93	18.6
“ silicious.....	1.70	106.25	4250	.94	18.8
Sandstone, mean.....	2.20	137.50	5500	.73	14.6
“ Sydney.....	2.24	140.	5600	.71	14.2
“ Albany, N. Y. brown.....	2.42	151.25	6050	.66	13 2
“ Belleville, N. J. gray.....	2.26	141.25	5650	.71	14 2
“ Berea, O., drab.....	2.11	131.88	5275	.76	15.2
“ Cleveland, O., olive green....	2.24	140.	5600	.71	14 2
“ Fond du Lac Wis., purple....	2.22	138.75	5550	.72	14.4
“ Fontenac, Minn., light buff....	2.32	145.	5800	.69	13 8
“ Haverstraw, N. Y., red.....	2.32	145.	5800	.69	13.8
“ Kasota, Minn., pink.....	2.63	164.38	6575	.61	12.2
“ Little Falls, N. Y., brown.....	2.25	140.63	5625	.71	14.2
“ Marquette, Mich., purple..	2.28	142.50	5700	.70	14.
“ Massillon, O., yellow drab....	2.11	131.88	5275	.76	15.2
“ Medina, N. Y., pink.....	2.41	150.63	6025	.66	13.2
“ Middletown, Conn., brown....	2.36	147.50	5900	.68	13.6
“ Seneca, O., red brown.....	2.39	149.38	5975	.67	13.4
“ Vermillion, O., drab.....	2.16	135.	5400	.74	14.8
“ Warrensburgh, Mo.....	2.14	133.75	5350	.75	15.
Schorl.....	3.17	198 13	7925	.50	10.
Scoria, volcanic.....	.83	51.88	2075	1.93	38.6
Shale.....	2.60	162.50	6500	.62	12.4
“	2.90	181.25	7250	.55	11.
“ purple.....	2.78	173.75	6950	.58	11 6
Slate.....	2.85	178.12	7125	.56	11.2
Smalt.....	2.44	152.50	6100	.66	13.2
Soapstone.....	2.73	170.63	6825	.59	11.8
Spar, Calcareous.....	2.73	170.63	6825	.59	11.8
“ Feld, blue.....	2.69	168.12	6725	.60	12.
“ “ green.....	2.70	168.75	6750	.59	11.8
“ Flour.....	3.40	212.50	8500	.47	9.4
Stalactite.....	2.41	150.63	6025	.66	13.2
Trap.....	2 72	170.	6800	.59	11.8

METALS AND MINERALS.

SPECIFIC GRAVITY AND WEIGHT.

SUBSTANCE.	Specific Gravity.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 Pounds.	Cubic Feet per Ton.
Aluminum	2.56	160.	6400	.63	12.6
“ wrought	2.67	166.88	6675	.60	12.
“ bronze	7.70	481.25	19260	.21	4.2
Antimony, cast	6.70	418.75	16750	.24	4.8
Arsenic	5.76	360.	14400	.28	5.6
Barium .....	.47	29.38	1175	3.40	68.
Bismuth	9.82	613.75	24550	.16	3.2
Boron	2.	125.	5000	.80	16.
Brass, sheet, 75 % copper, 25 % zinc.	8.45	528.13	21125	.19	3.8
“ yellow 66 % “ 34 % “	8.30	518.75	20750	.19	3.8
“ Muntz, 60 % “ 40 % “	8.20	512.50	20500	.20	4.
“ plate	8.38	523.75	20950	.19	3.8
“ cast	8.10	506.25	20250	.20	4.
“ Wire	8.21	513.12	20525	.20	4.
Bromine	3.	187.50	7500	.53	10.6
Cadmium	8.65	540.62	21625	.18	3.6
Calcium	1.58	98.75	3950	1.01	20.2
Chromium	5.90	368.75	14750	.27	5.4
Cinnabar	8.10	506.25	20250	.20	4.
Cobalt	8.60	537.50	21500	.19	3.8
Columbium	6.	375.	15000	.27	5.4
Copper, cast	8.79	549.37	21975	.18	3.6
“ plate	8.70	543.75	21750	.18	3.6
“ Wire	8.88	555.	22200	.18	3.6
Gold, pure, cast	19.26	1203.75	48150	.08	1.6
“ “ hammered	19.36	1210.	48400	.08	1.6
“ 22 carats fine	17.49	1093.12	43725	.09	1.8
“ 20 “ “	15.70	981.25	39250	.10	2.
Iridium	18.68	1167.50	46700	.09	1.8
“ hammered	23.	1437.50	57500	.07	1.4
Iron, cast, gun metal	7.31	456.87	18275	.22	4.4
“ “ minimum	6.90	431.25	17250	.23	4.6
“ “ maximum	7.50	468.75	18750	.21	4.2
“ “ ordinary, mean	7.21	450.62	18025	.22	4.4
“ “ English, “	7.22	451.25	18050	.22	4.4

METALS AND MINERALS.

SPECIFIC GRAVITY AND WEIGHT.

SUBSTANCE.	Specific Gravity.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 Pounds.	Cubic Feet per Ton.
Iron, cast, hot blast	7.07	441.87	17675	.23	4.6
“ “ cold “	7.22	451.25	18050	.22	4.4
“ wrought, bars	7.79	486.87	19475	.20	4.
“ “ wire	7.77	485.62	19425	.20	4.
“ “ rolled plate	7.70	481.25	19250	.21	4.2
“ “ average	7.70	481.25	19250	.21	4.2
“ “ English rails.	7.54	471.25	18850	.21	4.2
“ “ Lowmoor	7.81	488.12	19525	.20	4.
“ “ pure	8.14	508.75✓	20350	.20	4.
“ “ ordinary mean	7.74	483.75	19350	.20	4.
Ising'ass, solid	1.11	69.38	2775	1.44	28.8
Lead, cast	11.35	709.37	28375	.14	2.8
“ rolled	11.39	711.87	28475	.14	2.8
Lithium .....	.59	36.87	1475	2.70	54.
Magnesium	1.75	109.37	4375	.92	18.4
Magnetic Ore	5.09	318.12	12725	.31	6.2
Manganese	8.	500.	20000	.20	4.
Mercury, at 32°	13.60	850.	34000	.12	2.4
“ at 40°	15.63	976.87	39075	.10	2.
“ at 60°	13.57	848.12	33925	.12	2.4
“ at 212°	13.37	835.62	33425	.12	2.4
Mica	2.80	175.	7000	.57	11.4
Molybdenum	8.60	537.50	21500	.19	3.8
Nickel	8.80	550.	22000	.18	3.6
“ cast	8.28	517.50	20700	.19	3.8
Osmium	10.	625.	25000	.16	3.2
Palladium	11.35	709.37	28375	.14	2.8
Platinum, hammered	20.34	1271.25	50850	.08	1.6
“ native	16.	1000.	40000	.10	2.
“ rolled	22.07	1379.37	55175	.07	1.4
Plumbago	2.10	131.25	5250	.76	15.2
Potassium, 59° .....	.87	54.37	2175	1.84	36.8
Red Lead	8.94	558.75	22350	.18	3.6
Rhodium	10.65	665.62	26625	.15	3.
Rubidium	1.52	95.	3800	1.05	21.

METALS AND MINERALS.

SPECIFIC GRAVITY AND WEIGHT.

SUBSTANCE.	Specific Gravity.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 Pounds.	Cubic Feet per Ton.
Ruthenium	8.60	537.50	21500	.19	3.8
Selenium.....	4.50	281.25	11250	.36	7.2
Silver, pure, cast.....	10.47	654.37	26175	.15	3.
“ “ hammered	10.51	656.87	26275	.15	3.
Sodium.....	.97	60.62	2425	1.64	32.8
Steel, minimum.....	7.70	481.25	19250	.21	4.2
“ maximum	7.90	493.75	19750	.20	4.
“ Plates, mean.....	7.81	488.12	19525	.20	4.
“ soft	7.83	489.37	19575	.20	4.
“ tempered and hardened.	7.82	488.75	19550	.20	4.
“ Wire.....	7.85	490.62	19625	.20	4.
“ blistered.....	7.82	488.75	19550	.20	4.
“ crucible	7.84	490..	19600	.20	4.
“ cast	7.85	490.62	19625	.20	4.
“ Bessimer	7.85	490.62	19625	.20	4.
“ ordinary, mean	7.83	489.37	19575	.20	4.
Strontium.....	2.54	158.75	6350	.63	12.6
Tellurium.....	11.85	740.62	29625	.14	2.8
Tin, Cornish, hammered.....	7.39	461.87	18475	.22	4.4
“ “ pure.....	7.29	455.62	18225	.22	4.4
Titanium.....	5.30	331.25	13250	.30	6.
Tungsten.....	17.	1062.50	42500	.09	1.8
Uranium.....	18.33	1145.62	45825	.09	1.8
Wolfram.....	7.12	445.	17800	.22	4.4
Zinc, cast.....	6.86	428.75	17150	.23	4.6
“ rolled.....	7.19	449.37	17975	.22	4.4

LIQUIDS.

SPECIFIC GRAVITY AND WEIGHT.

ARTICLES	Specific Gravity.	Pounds per Gallon.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 Pounds.	Cubic Feet per Ton.
Acid, Acetic.....	1.06	8.86	66.25	2650	1.51	30.2
“ Carbolic.....	1.07	8.93	66.80	2672	1.50	30.0
“ Fluoric.....	1.50	12.47	93.75	3750	1.07	21.4
“ Muriatic.....	1.16	9.68	72.42	2897	1.38	27.6
“ Nitric.....	1.21	10.11	75.63	3025	1.32	26.4
“ Nitrous.....	1.55	12.90	96.77	3871	1.03	20.6
“ Phosphoric.....	1.04	8.69	64.93	2597	1.54	30.8
“ Phosphoric Dil.....	1.06	8.86	66.25	2650	1.51	30.2
“ Pyroligneous.....	1.05	8.79	65.74	2630	1.52	30.4
“ Sulphuric.....	1.85	15.45	115.63	4625	.86	17.2
Alcohol, pure 60°.....	.79	6.60	49.38	1975	2.03	40.6
“ 95%.....	.81	6.77	50.63	2025	1.97	39.4
“ 80%.....	.86	7.20	53.75	2150	1.86	37.2
“ 50%.....	.93	7.77	58.13	2325	1.72	34.4
“ 40%.....	.95	7.94	59.38	2375	1.68	33.6
“ 25%.....	.97	8.11	60.63	2425	1.65	33.2
“ 10%.....	.98	8.19	61.25	2450	1.63	32.6
“ 5%.....	.99	8.27	61.88	2475	1.62	32.4
Alcohol, Proof Spirits 50°—60°.....	.93	7.77	58.13	2325	1.73	34.6
“ “ “ 50°—80°.....	.87	7.27	54.38	2175	1.84	36.8
Ammonia, 27.9 per cent.....	.89	7.44	55.63	2225	1.80	36.0
Aquafortis, double.....	1.30	10.86	81.25	3250	1.23	24.6
“ single.....	1.20	10.03	75.00	3000	1.33	26.6
Beer.....	1.03	8.61	64.38	2575	1.55	31.0
Benzine.....	.85	7.10	53.13	2125	1.90	38.0
Bitumen, Liquid.....	.85	7.10	53.13	2125	1.90	38.0
Blood, Human.....	1.05	8.77	65.63	2625	1.52	30.4
Brand, 83% Spirits.....	.92	7.69	57.50	2300	1.74	34.8
Bromine.....	2.96	24.73	185.00	7400	.54	10.8
Cider.....	1.02	8.58	63.75	2550	1.57	31.4
Ether, Acetic.....	.86	7.19	53.75	2150	1.86	37.2
“ Nitric.....	1.11	9.27	69.38	2775	1.44	28.8
“ Sulphuric.....	.71	5.93	44.38	1775	2.25	45.0
Honey.....	1.45	12.12	90.63	3625	1.10	22.0
Milk.....	1.03	8.61	64.38	2575	1.55	31.0

LIQUIDS.

SPECIFIC GRAVITY AND WEIGHT.

ARTICLES.	Specific Gravity.	Pounds per Gallon.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 Pounds.	Cubic Feet per Ton.
Molasses.....	1.43	11.66	89.37	3575	1.12	22.4
Oil, Anise-seed.....	1.03	8.61	64.38	2575	1.55	31.
“ Cod-fish.....	.92	7.69	57.50	2300	1.74	34.8
“ Whale.....	.92	7.69	57.50	2300	1.74	34.8
“ Linseed.....	.94	7.85	58.75	2350	1.70	34.
“ Naphtha.....	.85	7.10	53.13	2125	1.90	38.
“ Olive.....	.91	7.60	56.88	2275	1.76	35.2
“ Palm.....	.97	8.11	60.63	2425	1.65	33.
“ Petroleum.....	.88	7.35	55.	2200	1.82	36.4
“ Rape.....	.91	7.60	56.88	2275	1.76	35.2
“ Sunflower.....	.92	7.69	57.50	2300	1.74	34.8
“ Turpentine.....	.87	7.27	54.38	2175	1.84	36.8
Spirits, Rectified.....	.82	6.85	51.25	2050	1.95	39.
Tar.....	1.01	8.44	63.13	2525	1.58	31.6
Vinegar.....	1.08	9.02	67.50	2700	1.48	29.6
Water, at 32°.....	.99	8.27	61.88	2475	1.62	32.4
“ Sea.....	1.03	8.61	64.38	2575	1.55	31.
“ Rain.....	1.	8.36	62.50	2500	1.60	32.
Wine, Burgundy.....	.92	7.69	57.50	2300	1.74	34.8
“ Champagne.....	.99	8.27	61.88	2475	1.62	32.4
“ Madeira.....	1.04	8.69	65.	2600	1.54	30.8
“ Port.....	.99	8.27	61.88	2475	1.62	32.4
“ N.O.S, average.....	1.	8.3	62.50	2500	1.60	32.

SUNDRIES.

ARTICLES.	Specific Gravity.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Acid, Arsenious, dry	1.90	118.75	4750	.84	16.8
“ Benzoic “ .....	.20	12.50	500	8.	160.
“ Boracic “ .....	.80	50.	2000	2.	40.
“ Citric “ .....	.90	56.25	2250	1.78	35.6
“ Oxalic “ .....	.85	53.12	2125	1.88	37.6
“ Tartaric “	1.09	68.13	2725	1.47	29.4
Alum, solid	1.71	106.87	4275	.94	18.8
Amber “	1.08	67.50	2700	1.48	29.6
Ambergris “ .....	.87	54.37	2175	1.84	36.8
Barytes, sulphate	4.	250.	10000	.40	8.
“ pure	4.87	304.37	12175	.33	6.6
Beeswax, solid .....	.96	60.	2400	1.67	33.4
Beton, “	2.31	144.37	5775	.69	13.8
Blue Stone, “	2.46	153.75	6150	.65	13.
Bone, “	1.90	118.75	4750	.85	17.
Borax, “	1.71	106.87	4275	.94	18.8
Butter, “ .....	.94	58.75	2350	1.70	34.
Camphor, “ .....	.99	61.88	2475	1.48	29.6
Caoutchouc, “ .....	.93	58.13	2325	1.73	34.6
Coral, red, “	2.70	168.75	6750	.59	11.8
Cotton, “ .....	.95	59.38	2375	1.68	33.6
Dynamite, “	1.65	103.13	4125	.97	19.4
Fat, beef, “ .....	.92	57.50	2300	1.74	34.8
“ hog, “ .....	.94	58.75	2350	1.70	34.
“ mutton, “ .....	.92	57.50	2300	1.74	34.8
Flax, “	1.79	111.88	4475	.89	17.8
Glycerine, 60° “	1.26	78.75	3150	1.27	25.4
Grain, barley.... ..	.59	36.88	1475	2.71	54.2
“ oats..... ..	.50	31.25	1250	3.20	64.
“ wheat .....	.75	46.88	1875	2.13	42.6
Gum-arabic, solid.....	1.45	90.63	3625	1.10	22.
Gunpowder, loose.....	.90	56.25	2260	1.78	35.6
“ shaken..... ..	1.	62.50	2500	1.60	32.
“ solid	1.55	96.88	3875	1.03	20.6
“ “	1.80	112.50	4500	.89	17.8

SUNDRIES.

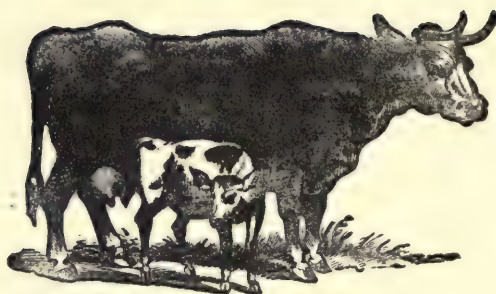
ARTICLES.	Specific Gravity.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs	Cubic Feet per Ton.
Gutta Percha, solid. ....	.98	61.25	2450	1.63	32.6
Gypsum, opaque.	2.17	135.62	5425	.74	14.8
Hay, old, compact. ....	.13	8.13	325	12.30	246.
Horn, solid.	3.54	221.25	8850	.45	9.
Human Body.	1.07	66.88	2675	1.50	30.
Ice, at 32°. ....	.92	57.50	2300	1.74	34.8
Indigo, solid.	1.01	63.13	2525	1.58	31.6
Ivory "	1.82	113.75	4550	.88	17.6
Lard, " ....	.95	59.38	2375	1.68	33.6
Leather, " ....	.96	60.	2400	1.67	33.4
Lais, "	1.35	84.38	3375	1.18	23.6
Mastic, "	1.07	66.88	2675	1.50	30.
Magnesia, carbonate.	2.40	150.	6000	.67	13.4
Niter, solid.	1.90	118.75	4750	.84	16.8
Nitro Glycerine, solid.	1.60	100.	4000	1.	20.
Opium, solid.	1.34	83.75	3350	1.19	23.8
Oyster Shells, solid.	2.09	130.63	5225	.77	15.4
Pearl, Oriental.	2.65	165.63	6625	.60	12.
Phosphorus.	1.77	110.62	4425	.90	18.
Porcelain, China.	2.30	143.75	5750	.63	12.6
Potash, solid.	2.10	131.25	5250	.76	15.2
Red-lead, "	8.94	558.75	22350	.18	3.6
Rosin, "	1.09	68.13	2725	1.47	29.4
Salt common.	2.13	133.12	5325	.75	15.
Sewer Pipe, mean.	2.25	140.63	5625	.71	14.2
Snow, solid. ....	.08	5.	200	20.	400.
Soap, Castile, solid.	1.07	66.88	2675	1.50	30.
Spermaceti, " ....	.94	58.75	2350	1.70	34.
Starch, " ....	.95	59.38	2375	1.68	33.6
Sulphur, native, solid.	2.03	126.88	5075	.79	15.8
Sugar, solid.	1.60	100.	4000	1.	20.
Tallow, " ....	.94	58.75	2350	1.70	34.
Terra Cotta, solid.	1.95	121.88	4875	.82	16.4
Tile, solid.	1.81	113.13	4525	.88	17.6
Wax, " ....	.96	60.	2400	1.67	33.4

Tensile Strength.

UNITED STATES ORDNANCE DEPARTMENT AND OTHER STANDARD AUTHORITY.

Power of Weight Required to Tear Asunder
One Square Inch, in Pounds.

METALS.	Pounds.	METALS.	Pounds.
Cast-iron, Greenwood.....	45970	Steel, English, Whilworth's, mean.	120800
“ “ mean.....	31829	“ “ Siemens's plates, “	67350
“ “ gun-metal, mean.....	37232	“ “ Krupp's shaft.	92243
“ “ malleable, annealed.....	56000	Wrought Iron, boiler plates, mean..	53750
“ “ English, strong.....	29000	“ “ rivets.....	65000
“ “ “ weak.....	13400	“ “ bolts, inferior.....	30000
“ “ “ average.....	21200	“ “ hammered.....	54000
“ “ “ gun-metal.....	23257	“ “ shaft.....	44750
“ “ “ mean.....	19484	“ “ wire.....	73600
“ “ “ Low Moor No. 2..	14076	“ “ “ No. 9.....	100000
“ “ “ Clyde No. 1.....	16125	“ “ “ “ 20.....	120000
“ “ “ “ “ 3.....	23468	“ “ Eng., heavy forging..	33600
“ “ “ Sterling, mean..	25764	“ “ “ plates, lengthwise	53800
Steel, cast, maximum.....	142000	“ “ “ “ crosswise..	48800
“ “ mean.....	88560	“ “ “ mean.....	51000
“ puddled, maximum.....	173817	“ “ “ Low Moor.....	57600
“ American Tool Co.....	179980	“ “ “ Lancashire.....	48800
“ wire, mean.....	255000	“ “ “ Thames.....	65920
“ plates, lengthwise.....	96300	“ “ “ armor plates.....	40000
“ “ crosswise.....	93700	“ “ “ bar, mean..	43650
“ Chrome bar.....	180000	“ “ “ “ charcoal....	63000
“ Pittsburg, mean.....	94450	“ “ “ rivet, scrap.....	51760
“ Bessemer, rolled, mean.....	100825	“ “ Russian bar, best.....	59500
“ “ hammered.....	152900	“ “ “ “	49000
“ English, cast.....	134000	“ “ Swedish bar, best....	72000
“ “ “ plates, mean.....	93500	“ “ “ “	48900
“ “ plates.....	86800	Copper, wrought.....	34000
“ “ puddled plates.....	62720	“ rolled.....	36000
“ “ crucible.....	91570	“ cast.....	24250
“ “ homogeneous.....	96280	“ bolt.....	36800
“ “ blistered bars.....	104000	“ wire.....	61200
“ “ Fagersta bars.....	89600	Wire Rope, per pound w't per fathom	4480
“ “ “ plates.....	98560	“ “ Galvanized Steel “ “	6720



Live Stock.

The following table is computed from the most reliable estimates obtainable, of the average weight and number of the different kinds of Stock that may be loaded in a Stock Car 30 feet in length. The number of cubic feet in an average box car of the above length is 1628.

KIND OF STOCK.	No. in Car.	Cubic Feet Each.	Pounds Each.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Cattle.....	18	90.44	1290	14.26	570	7.	140.
Calves.....	47	34.64	300	8.66	346	11.55	231.
Horses.....	15	108.53	1200	11.06	442	9.04	180.8
“ Dray.....	14	116.29	1500	12.89	516	7.76	155.2
“ Stallion, imp.....	12	135.65	2000	14.74	590	6.78	135.6
Hogs.....	72	22.60	165	7.30	292	13.70	274.
“ double deck.....	108	15.07	165	10.95	438	9.13	182.6
Lambs, medium.....	140	11.63	47	4.04	162	24.75	495.
“ “ double deck.....	210	7.75	47	6.06	242	16.50	330.
“ Spring.....	170	9.58	35	3.65	146	27.40	548.
“ “ double deck.....	255	6.38	35	5.49	220	18.21	364.2
Sheep.....	95	17.14	100	5.83	233	17.15	343.
“ double deck..	143	11.38	100	8.79	351	11.38	227.6

PRODUCE.

NUMBER OF POUNDS TO THE BUSHEL, LEGAL WEIGHT.

ARTICLES.	Pounds per Bushel.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per 20000 lbs.
Apples, dried.—Ark., Ga., Ill., Ia., Kans., Ky., Mo.	24	19.20	768	5.21	1042
“ “ Ind., N. J.	25	20.	800	5.	1000
“ “ Mich., O.	22	17.60	704	5.68	1136
“ “ Minn., Va., Wis.	28	22.40	896	4.46	892
“ “ S. C., Tenn.	26	20.80	832	4.81	962
“ “ Canada	22	17.60	704	5.68	1136
Barley.—Ark., Conn., Ill., Ind., Ia., Kans., Me., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., O., R. I., S. C., Tenn., Va., Wis., Vt.	48	38.40	1536	2.60	520
“ Ga., Ky., Pa.	47	37.60	1504	2.66	532
“ Canada.	48	38.40	1536	2.60	520
Beans.—Ark., Conn., Ga., Ill., Ind., Ia., Kans., Ky., Mich., Mo., N. H., N. J., O., S. C., Tenn., Vt., Va., Wis.	60	48.	1920	2.08	416
“ Me.	64	51.20	2048	1.95	390
“ N. Y.	62	49.60	1984	2.02	404
“ Canada.	60	48.	1920	2.08	416
Buckwheat.—Ark., Ga., Ill., Ia., Mo., Va.	52	41.60	1664	2.40	480
“ Cal.	40	32.	1280	3.13	626
“ Conn., Me., Mass., Mich., N. Y., Pa.	48	38.40	1536	2.60	520
“ Ind., Kans., N. J., N. C., O., Tenn., Wis.	50	40.	1600	2.50	500
“ Ky.	55	44.	1760	2.27	454
“ Minn.	42	33.60	1344	2.98	596
“ S. C.	56	44.80	1792	2.23	446
“ Vt.	46	36.80	1472	2.72	544
“ Canada.	48	38.40	1536	2.60	520
Coal, Anthracite.—Ark., Ga., Ill., Ia., Kans., Va.	80	53.33	2133	1.88	376
“ “ Ky.	76	50.67	2027	1.97	394
Corn.—Canada.	56	44.80	1792	2.23	446
“ shelled.—Conn., Ga., Ill., Ind., Ia., Kans., Me., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., O., Pa., R. I., S. C., Tenn., Vt., Va., Wis.	56	44.80	1792	2.23	446
“ “ Ky.	55	44.	1760	2.27	454
“ “ N. C.	54	43.20	1728	2.32	464
“ “ Cal.	52	41.60	1664	2.40	480
“ on the cob.—Ark., Ga., Ill., Ia., Kans., Ky., Mich., O., S. C., Va., Wis.	70	46.67	1867	2.14	428

PRODUCE.

NUMBER OF POUNDS TO THE BUSHEL, LEGAL WEIGHT.

ARTICLES.	Pounds per Bushel.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per 20000 lbs.
Corn, on the cob.—Ind.	68	44.78	1791	2.23	446
“ “ “ Tenn.	72	48.	1920	2.08	416
“ Meal.—Ark., Conn., Ill., Kans., Ky., Me., Mass., Mich., N. H., R. I., S. C., Tenn., Va.	50	40.	1600	2.50	500
“ “ Ga., Ill.	48	38.40	1536	2.60	520
“ “ N. C.	46	36.80	1472	2.71	542
Oats.—Ark., Cal., Conn., Ga., Ill., Ia., Kans. Ky., Mass., Mich., Minn., Mo., N. H., N. Y., O., Pa., R. I., S. C., Tenn., Vt., Va., Wis.	32	25.60	1024	3.91	782
“ Me., N. J., N. C.	30	24.	960	4.17	834
“ Canada.	34	27.20	1088	3.68	736
Onions.—Ark., Ga., Ill., Ia., Kans., Ky., Mo., N. J., S. C., Va.	57	38.	1520	2.63	526
“ Conn., O., R. I., Wis.	50	33.33	1333	3.	600
“ Ind.	48	32.	1280	3.12	624
“ Me., Mass., Vt.	52	34.67	1387	2.89	578
“ Mich.	54	36.	1440	2.78	556
“ Tenn.	56	37.33	1493	2.68	536
Peaches, dried.—Ark., Ga., Ill., Ind., Ia., Kans., Mo., N. J., O., S. C.	33	26.40	1056	3.79	758
“ “ Ky.	39	31.20	1248	3.21	642
“ “ Mich., Minn., Wis.	28	22.40	896	4.46	892
“ “ Va.	32	25.60	1024	3.91	782
“ “ Canada.	22	17.60	704	5.68	1136
Peas.—Ark.	46	36.80	1472	2.72	544
“ Ga., Ill., Me., Mass., Minn., N. H., N. J., N. Y., O., S. C., Tenn., Vt., Va.	60	48.	1920	2.08	416
“ N. C.	50	40.	1600	2.50	500
“ Canada.	60	48.	1920	2.08	416
Potatoes.—Ark., Conn., Ga., Ill., Ind., Ia., Kans., Ky., Me., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., O., R. I., S. C., Tenn., Vt., Va., Wis.	60	40.	1600	2.50	500
“ Pa.	56	37.33	1493	2.68	536
“ Sweet.—Ark., Kans., O., S. C., Tenn.	50	33.33	1333	3.	600
“ “ Ga., Ill., Ky.	55	36.67	1467	2.70	540
“ “ Ia.	46	30.67	1227	3.26	652
“ “ Mass., Minn., Va.	56	37.33	1333	3.03	600

PRODUCE.

NUMBER OF POUNDS TO THE BUSHEL, LEGAL WEIGHT.

ARTICLES.	Pounds per Bushel.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per 20000 lbs.
Potatoes, Sweet.—N. J.	54	43.20	1728	2.31	462
Rye.—Ark., Conn., Ga., Ill., Ind., Ia., Kans., Ky., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., Wis., and Canada	56	44.80	1792	2.23	446
“ Cal.	54	43.20	1728	2.31	462
“ Me.	50	40.	1600	2.50	500
Salt, coarse, Canada	56	44.80	1792	2.23	446
“ fine “	56	44.80	1792	2.23	446
Seed, Blue Grass.—Ark., Ga., Ill., Ind., Ia., Kans., Ky., Mich., Mo., S. C., Tenn., Va.	14	11.20	448	8.93	1786
“ Clover.—Ark., Ga., Ill., Ind., Ia., Kans., Ky., Mich., Minn., Mo., N. Y., O., S. C. Vt., Va., Wis., and Canada	60	48.	1920	2.08	416
“ “ N. J., N. C.	64	51.20	2048	1.93	386
“ “ Pa.	62	46.90	1876	2.02	404
“ Flax.—Ark., Ga., Ill., Ia., Ky., Mich., Mo., O., Tenn., Va., Wis.	56	44.80	1792	2.23	446
“ “ Kans.	54	43.20	1728	2.31	462
“ “ N. J., N. Y.	55	44.	1760	2.27	454
“ “ S. C.	44	35.87	1435	2.79	558
“ “ Canada	56	44.80	1792	2.23	446
“ Timothy.—Ark., Ga., Ill., Ind., Ia., Kans., Ky., Mich., Mo., O., Tenn., Vt., Va., Wis.	45	36.	1440	2.78	556
“ “ N. Y.	44	35.87	1435	2.79	558
“ “ Canada	48	38.40	1536	2.60	520
Turnips.—Conn., Me.	50	40.	1600	2.50	500
“ Ga., Ill., Kans., Va.	55	44.	1760	2.27	454
“ Wis.	42	33.60	1344	2.98	596
“ Ky., Vt.	60	48.	1920	2.08	416
“ Mich.	58	45.40	1856	2.16	432
Wheat.—Ark., Cal., Ga., Ill., Ind., Ia., Kans., Ky., Me., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., S. C., Vt., Va., Wis.	60	48.	1920	2.08	416
“ Conn.	56	44.80	1792	2.23	446
“ Canada	60	48.	1920	2.08	416

NOTE.—To reduce cubic feet to bushels, struck measure, divide the cubic feet by 56, and multiply by 45.

Lumber and Timber.

CORD WOOD, TAN BARK, HOOP POLES, STAVES AND HEADING,
TELEGRAPH POLES, RAILS, FENCE POSTS,
SHINGLES AND LATHS.

The following tables of Lumber and Timber are in pounds per cubic feet and hundredths of a cubic foot; the cubic feet per 100 pounds are in cubic feet and hundredths of a cubic foot, while the cubic feet per 1 ton are in cubic feet and *tenths* of a cubic foot; the specific gravity, pounds per 1000 feet and pounds per cubic ton, require no explanation. The explanation given above on lumber is also true of the tables given to Cord Wood, Tan Bark, etc.

Timber generally requires from two to eight years for natural, thorough seasoning. Green timber contains from 37 to 48 per cent water. By exposure to the air in seasoning one year it loses from 17 to 25 per cent, and when seasoned it retains from 10 to 15 per cent. Oak loses one-fifth of its weight in seasoning and one-third when perfectly dry.

There are 413 species of trees found within the limits of the United States and Territories, 16 of which, when perfectly seasoned, will sink in water. The heaviest of these is black Iron Wood, found only in Southern Florida, which is more than 30 per cent heavier than water. All the species heavier than water belong to tropical Florida, or in the arid West or Southwest.

Rule for finding number of feet in Lumber when piled:

Multiply the width and length in feet together and the result by the height in inches, and the sum so attained will be the number of feet.

Example—

Suppose you have a pile of lumber 8 feet wide, 20 feet long and 50 inches high:

$$8 \times 20 = 160 \times 50 = 8000 \text{ ft.}$$

To ascertain the number of pounds:

If the lumber is White Pine, fully seasoned, it will weigh 2500 pounds per 1000 feet, or $2\frac{1}{2}$ pounds per foot.

$$8000 \text{ ft.} \times 2\frac{1}{2} \text{ lbs.} = 20,000 \text{ lbs.}$$

Rule for finding the number of pounds in Lumber when piled:

Reduce width, length and height to inches, multiply together and divide the product by 1728, and the cubic feet thus obtained, by the number of pounds per cubic foot.

Example—

Take a pile of lumber 8 feet wide, 20 feet long and 4.2 high :

$$8 \times 12 = 96$$

$$20 \times 12 = 240 \times 96 = 23,040$$

$$4.2 \times 12 = 50 \times 23,040 = 1,152,000 \div 1728 = 666\frac{2}{3} \text{ cu. ft.}$$

Pine fully seasoned will weigh 30 pounds per cubic foot, therefore:

$$666\frac{2}{3} \times 30 = 20,000 \text{ lbs.}$$



LUMBER AND TIMBER.

SPECIES.	Specific Gravity.	Pounds per 1000 Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Alder.....seasoned	.80	4150	50.	2000	2.	40.
Apple.....	.79	4100	49.	1960	2.04	40.8
Ash.....fully	.70	3600	43.20	1728	2.31	46.2
“.....	.77	4000	48.	1920	2.08	41.6
“.....green	.87	4500	54.	2160	1.85	37.
Basswood.....fully seasoned	.58	3000	36.	1440	2.78	55.6
“.....	.77	4000	48.	1920	2.08	41.6
Beech.....	.69	3580	43.	1720	2.33	46.6
Birch.....fully	.57	2100	35.40	1416	2.82	56.4
“.....	.72	3750	45.	1800	2.22	44.4
Boxwood.....	.97	5000	60.	2400	1.67	33.4
“.....green	1.32	6800	82.	3280	1.22	24.4
Butternut.....fully seasoned	.58	3000	36.	1440	2.78	55.6
“.....	.77	4000	48.	1920	2.08	41.6
Cedar “Lebanon”.....	.48	2500	30.	1200	3.33	66.6
“ West Indian.....	.76	3900	47.	1880	2.11	42.2
“ American.....fully	.58	3000	36.	1440	2.78	55.6
Cherry.....	.67	3500	42.	1680	2.38	47.6
“.....	.77	4000	48.	1920	2.08	41.6
“.....green	.87	4500	54.	2160	1.85	37.
Chestnut.....seasoned	.66	3400	41.	1640	2.29	45.8
“.....green	.88	4560	55.	2200	1.82	36.4
Cocoa.....seasoned	1.04	5400	65.	2600	1.54	30.8
Cork.....	.24	1250	15.	600	6.67	133.4
Cypress.....	.44	2300	27.60	1104	3.62	72.4
Dog-wood.....	.76	3900	47.	1880	2.11	42.2
Ebony.....	1.19	6100	74.	2960	1.35	27.
“.....green	1.33	6900	83.20	3328	1.20	24.
Elm.....fully seasoned	.77	4000	48.	1920	2.08	41.6
“.....	.91	4700	56.	2240	1.78	35.6
“.....green	1.16	6000	72.	2880	1.39	27.8
Fir.....fully seasoned	.58	3000	36.	1440	2.78	55.6
“.....green	.77	4000	48.	1920	2.08	41.6
“ Norway Spruce.....seasoned	.51	2700	32.	1280	3.12	62.4
Gum Blue.....	.84	4400	52.60	2184	1.90	38.

LUMBER AND TIMBER.

SPECIES.	Specific Gravity.	Pounds per 1000 Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Gum, Water.....seasoned	1.	5200	62.50	2500	1.60	32.
“ Sweet.....	.54	2800	34.	1360	2.94	58.8
Hackmatack.....	.59	3000	37.	1480	2.97	59.4
Hawthorn.....	.91	4700	56.88	2275	1.76	35.2
Hazel.....	.86	4500	53.75	2150	1.86	37.2
Hemlock.....	.37	1900	23.	920	4.35	87.
Hickory, Western ....	.71	3700	44.	1760	2.27	45.4
“ Shell-bark .....	.69	3600	43.13	1725	2.32	46.4
“ Pig-nut.....	.79	4100	49.50	1980	2.02	40.4
Holly.....	.76	4000	47.50	1900	2.10	42.
Hornbeam .....	.61	3200	38.40	1536	2.60	52.
Ironwood	1.15	6000	71.88	2875	1.39	27.8
Jasmin.....	.77	4000	48.13	1925	2.08	41.6
Juniper.....	.57	2900	35.38	1415	2.83	56.6
Kahir, India.....	1.17	6100	73.19	2928	1.37	27.4
Lancewood, mean.....	.72	3750	45.	1800	2.22	44.4
Larch.....	.54	2800	34.	1360	2.94	58.8
Laurel, Mountain.....	.57	2900	35.56	1422	2.81	56.2
Lemon.....	.70	3700	43.94	1758	2.28	45.6
Lignum Vitæ.....	1.33	6900	83.10	3324	1.20	24.
Lime.....	.80	4200	50.25	2010	1.99	39.8
Linden.....	.60	3150	37.75	1510	2.65	53.
Locust.....	.73	3800	45.50	1820	2.20	44.
Logwood.....	.91	4750	57.	2280	1.75	35.
Magnolia, large.....	.52	2700	32.40	1296	3.03	61.8
Mahogany, San Domingo....	.72	3750	45.	1800	2.22	44.4
“ Honduras.....	.56	2900	35.	1400	2.86	57.2
“ Spanish.....	.85	4500	53.25	2130	1.88	37.6
Maple, soft.....fully	.70	3600	43.20	1728	2.31	46.2
“ “.....	.77	4000	48.	1920	2.08	41.6
“ “.....green	.87	4500	54.	2160	1.85	37.
“ Bird's-eye.....seasoned	.58	3000	36.	1440	2.78	55.6
Oak.....fully	.77	4000	48.	1920	2.08	41.6
“.....	.91	4700	56.40	2256	1.77	35.4
“.....green	1.16	6000	72.	2880	1.39	27.8

LUMBER AND TIMBER.

SPECIES.	Specific Gravity.	Pounds per 1000 Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Orange.....seasoned	.71	3665	44.	1760	2.27	45.4
Pear.....“	.67	3440	41.30	1652	2.42	48.4
Pine, White.....fully seasoned	.48	2500	30.	1200	3.33	66.6
“ “.....“	.58	3000	36.	1440	2.78	55.6
“ “.....green	.77	4000	48.	1920	2.08	41.6
“ Yellow, Northern.fully seasoned	.70	3600	43.20	1728	2.31	46.2
“ “ “.....“	.77	4000	48.	1920	2.08	41.6
“ “ “.....green	.87	4500	54.	2160	1.85	37.
“ “ Southern.....seasoned	.72	3750	45.	1800	2.22	44.4
“ Red.....“	.59	3070	36.90	1476	2.81	56.2
“ Spruce.....“	.56	2900	35.	1400	2.86	57.2
“ Yellow Heart.....“	.93	4800	58.	2320	1.71	34.2
“ Pitch.....“	.94	4875	58.50	2340	1.61	32.2
Plum.....“	.77	4000	48.	1920	2.08	41.6
Poplar.....fully “	.54	2700	32.40	1296	3.09	61.8
“.....“	.58	3000	36.	1440	2.38	47.6
“.....green	.77	4000	48.	1920	2.08	41.6
Quince.....seasoned	.71	3665	44.	1760	2.27	45.4
Redwood.....fully “	.45	2250	27.	1080	3.70	74.
“.....“	.54	2800	33.60	1344	2.58	59.6
“.....green	.65	3375	40.50	1620	2.47	49.4
Rose-wood.....seasoned	.73	3800	45.50	1820	2.20	44.
Satin-wood.....“	.88	4600	55.30	2212	1.81	36.2
Sassafras.....“	.48	2580	31.	1240	3.23	64.6
Spruce.....fully “	.58	3000	36.	1440	2.78	55.6
“.....“	.67	3500	42.	1680	2.38	47.6
“.....green	.77	4000	48.	1920	2.08	41.6
Sycamore.....seasoned	.60	3100	37.	1480	2.70	54.
Sycamore.....green	.65	3360	40.30	1612	2.48	49.6
Tamarack.....seasoned	.38	2000	24.	960	4.17	83.4
Teak.....“	.74	3900	46.	1840	2.70	54.
Walnut.....fully “	.56	2900	35.	1400	2.86	57.2
“.....“	.77	4000	48.	1920	2.08	41.6
“.....green	.87	4500	54.	2160	1.85	37.
White Wood.....seasoned	.37	1900	23.	920	4.35	87.

LUMBER AND TIMBER.

SPECIES.	Specific Gravity.	Pounds per 1000 Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Willow.....seasoned	.54	2800	33.40	1336	2.99	59.8
Yew “	.80	4200	50.	2000	2.	40.
Flooring, dressed, matched..seasoned	....	1800	21.60	864	4.63	92.6
Siding, dressed.... “	....	800	9.60	384	10.42	208.4
Ceiling, “ matched, $\frac{3}{8}$ in “	....	800	9.60	384	10.42	208.4
“ “ “ $\frac{1}{2}$ in “	....	900	10.80	432	9.26	185.2
Boards, dressed on one side.. “	....	2100	25.20	1008	3.97	79.4

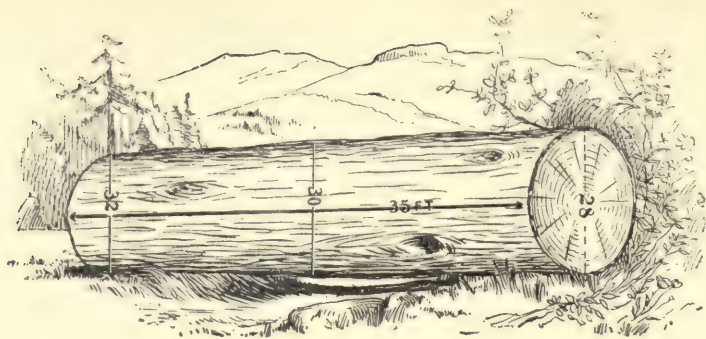
LUMBER AND WOOD.

The weights given in the preceding tables are computed from the specific gravity. The following weights, on lumber and cordwood, are the results of actual tests made by the "Western Railway Weighing Association, of Chicago, Illinois," and are the weights accepted by the Roads comprising the Association.

SPECIES.	Pounds per 1000 Ft. B. M.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Ash green	5200	62.40	2496	1 60	32.
" dry	3500	42.	1680	2.38	47.6
Apple green	5000	60.	2400	1.67	33.4
" dry	4000	48.	1920	2.08	41.6
Beech green	6000	72.	2880	1.39	27.8
" dry	4500	54.	2160	1.85	37.
Birch green	4250	51.	2040	1.96	39.2
" dry	3500	42.	1680	2.38	47.6
Basswood green	4000	48.	1920	2.08	41.6
" dry	2500	30.	1200	3.33	66.6
Butternut green	5000	60.	2400	1.67	33.4
" dry	3000	36.	1440	2.78	55.6
Chestnut green	5250	63.	2520	1.59	31.8
" dry	3250	39.	1560	2.56	51.2
Cherry green	5000	60.	2400	1.67	33.4
" dry	3600	43.20	1728	2.31	46.2
Cottonwood green	5250	63.	2520	1.59	31.8
" dry	2600	31.20	1248	3.21	64.2
Cypress green	4500	54.	2160	1.85	37.
" dry	3000	36.	1440	2.78	55.6
Cedar green	4000	48.	1920	2.08	41.6
" dry	2800	33.60	1344	2.98	59.6
Elm green	5000	60.	2400	1.67	33.4
" dry	3500	42.	1680	2.38	47.6
Hickory green	6000	72.	2880	1.39	27.8
" dry	4250	51.	2040	1.96	39.2
Holly green	5250	63.	2520	1.59	31.8
" dry	4500	54.	2160	1.85	37.
Lignum Vitæ green	9000	108.	4320	.93	18.6
" " dry	8000	96.	3840	1.04	20.8
Maple green	5200	62.40	2496	1.60	32.
" dry	4000	48.	1920	2.08	41.6
Mahogany green	5500	66.	2640	1.52	30.4
" dry	4750	57.	2280	1.75	35.
Oak green	5900	70.80	2832	1.41	28.2
" dry	4000	48.	1920	2.08	41.6
Poplar green	4500	54.	2160	1.85	37.
" dry	2800	33.60	1344	2.98	59.6

LUMBER AND WOOD.

SPECIES.	Pounds per 1000 Ft. B. M.	Pounds per Cubic Foot.	Pounds. per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Rosewood.....green	8000	96.	3840	1.04	20.8
".....dry	6500	78.	3120	1.28	25.6
Sycamore.....green	5500	66.	2640	1.52	30.4
".....dry	4250	51.	2040	1.96	39.2
Sweet Gum.....green	4000	48.	1920	2.08	41.6
".....dry	3000	36.	1440	2.78	55.6
Walnut.....green	5600	67.20	2688	1.49	29.8
".....dry	4000	48.	1920	2.03	41.6
WOOD-SPECIES.	Pounds per Cord.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Ash.....green	5500	42.97	1719	2.33	26.6
".....dry	3800	29.69	1188	3.37	67.4
Apple.....green	5250	41.02	2100	2.44	48.8
".....dry	4300	33.59	1344	2.98	59.6
Beech.....green	6000	46.88	1875	2.13	42.6
".....dry	4750	37.11	1484	2.69	53.8
Birch.....green	4500	35.16	1406	2.84	56.8
".....dry	3800	29.69	1188	3.37	67.4
Basswood.....green	4250	33.20	1328	3.01	60.2
".....dry	2750	21.48	859	4.66	93.2
Chestnut.....green	5500	42.97	1719	2.33	46.6
".....dry	3500	27.34	1094	3.66	73.2
Cherry.....green	5250	41.02	1641	2.44	48.8
".....dry	4000	31.25	1250	3.20	61.
Cottonwood.....green	5500	42.97	1719	2.33	46.6
".....dry	3000	23.44	938	4.27	85.4
Cypress.....green	5300	41.40	1656	2.42	48.4
".....dry	3500	27.34	1094	3.66	73.2
Elm.....green	5500	42.97	1719	2.33	46.6
".....dry	3750	29.30	1172	3.41	68.2
Hickory.....green	6500	50.70	2028	1.97	39.4
".....dry	4750	37.11	1484	2.69	53.8
Maple.....green	5500	42.97	1719	2.33	46.6
".....dry	4500	35.16	1406	2.84	56.8
Oak.....green	6500	50.70	2028	1.97	39.4
".....dry	4500	35.16	1406	2.84	56.8
Poplar.....green	5400	42.18	1687	2.37	47.4
".....dry	3000	23.44	938	4.27	85.4
Sweet Gum.....green	4300	33.59	1344	2.98	59.6
".....dry	3500	27.34	1094	3.66	73.2
Walnut.....green	5700	44.53	1781	2.25	45.
".....dry	4300	33.59	1344	2.98	59.6
Black Jack.....green	6000	46.88	1875	2.13	42.6
".....dry	4300	33.59	1344	2.98	59.6
Pine Slabs.....green	3000	23.44	938	4.27	85.4
".....dry	2100	16.41	657	6.09	121.8



Round Timber and Logs.

The rules given in connection with the tables devoted to the cubical contents of logs and round timber are sufficiently explicit to indicate the utility and uses for which those tables have been computed, viz.: that of ascertaining the weight of a log of known dimensions. Take, for example, White Pine seasoned, and we find by reference to the preceding table of Lumber and Timber that it will weigh 36 pounds per cubic foot; we then have the rule.

To find the cubical contents and weight of a log :

Rule—Add together the two extreme diameters and divide by 2, and the product will be the average diameter. Square the diameter thus obtained and multiply the product by the length, reduced to inches, and divide the product by 2200, and the quotient will be the cubical contents in feet and twelfths of a cubic foot.

Operation—

$$\begin{aligned}
 28 + 32 &= 60 \div 2 = 30, \text{ av. dia. } 30 \times 30 = 900. \\
 35 \text{ ft.} \times 12 &= 420 \text{ in. Then } 900 \text{ in.} \times 420 \text{ in.} = 378,000 \text{ cu. in., and} \\
 378,000 \div 2200 &(\text{cylinder in.}) = 172 \text{ cu. ft., and} \\
 172 \text{ cu. ft.} \times 36 \text{ lbs. W. P. (White Pine seasoned)} &= 6192 \text{ lbs.,} \\
 &\text{weight of log.}
 \end{aligned}$$

Round Timber reduced to Square Timber (Scribner's Rule):

Rule—Add together the two extreme diameters and divide by 2. Subtract one-third for the side of the square the log will make when hewn. Square the side thus obtained and multiply the product by the length of the log in feet, and divide the last product by 144, and the quotient will be the cubical contents in feet and twelfths of a foot.

Operation—

$$\begin{aligned}
 28 + 32 &= 60, \text{ and } 60 \div 2 = 30 \text{ in., av. dia.} \\
 \frac{1}{3} \text{ of } 30 &= 10. \text{ Then } 30 - 10 = 20, \text{ and } 20 \times 20 = 400, \text{ and} \\
 400 \times 35 \text{ ft. (length of log)} &= 14,000 \div 144 = 97.3 \text{ cu. ft., and} \\
 97.3 \times 36 \text{ lbs. (W. P.)} &= 3501 \text{ lbs.}
 \end{aligned}$$

Loss in squaring a log of the above dimensions 74.9 cubic feet, or 2691 pounds.

Round Timber reduced to Inch Board Measure (Doyl's Rule):

From the diameter of the smaller end in inches subtract 4; the square of the remainder will be the number of square feet of inch boards in a log 16 feet long.

Operation—

$28 - 4 = 24$, and $24 \times 24 = 576$ feet, the number of feet of inch boards produced from a log 16 feet in length. As the representation above is 35 feet in length, we have—

$35 \div 16 = 2\frac{3}{16}$, and $576 \text{ feet} \times 2\frac{3}{16} = 1260$ feet. Then, as White Pine seasoned weighs 3 pounds per foot board measure—

$1260 \times 3 = 3780$ pounds of one-inch boards, or 105 cubic feet.

Loss in reducing a log of the above dimensions to inch board measure, 67 cubic feet, or 2412 pounds.

Explanation—The length of the log in feet will be found in the left hand column of each table and the average diameter at the top. To find the number of cubic feet a log contains: Take the length in feet in the left hand column of the table and its average diameter at the top; trace the two columns of figures until they meet, and you have the cubical contents in feet and twelfths of a cubic foot.

TO FIND THE WEIGHT OF ROUND TIMBER.

First find the number of cubic feet a log contains. Then, by referring to the tables of Lumber and Timber, ascertain the number of pounds per cubic foot of the kind of lumber in question, and multiply the same by the number of cubic feet of log, and the result will be its weight.

Example—

A log which is 25 feet long and 19 inches in diameter gives at the right of the length and directly under the diameter 49.2 cubic feet. Referring to the tables of Lumber and Timber, we find Alder, green, weighs 50 pounds per cubic foot. We then have:

$49.2 \times 50 = 2460$ pounds, the weight of log.

Should it be necessary to ascertain the cubical contents of a log having a greater length than is shown in the tables, add together such numbers in feet as shown in the left hand column as will make the required number of feet, being careful to add all the corresponding number of cubic feet for each addition made, and the result will be the cubical contents of the increased log.

Suppose it was required to find the cubical contents of a log 72 feet long and 21 inches in diameter. It will be noted that 36 is the greatest number of feet given in length. It will also be noted that a stick of round timber of the above dimensions contains 86.6 cubic feet; therefore, by doubling both these amounts we would have the information sought.

Thus—

$36 \times 2 = 72$ ft., and $86.6 \times 2 = 173.2$ cu. ft., which is the number of cubic feet contained in a log 72 feet in length.

Cubical Contents of Round Timber.

LENGTH.	AVERAGE DIAMETER.											
	INCHES.											
	10	11	12	13	14	15	16	17	18	19	20	21
12	6.6	7.9	9.4	10.6	12.8	14.9	16.8	18.9	21.2	23.6	26.2	28.9
13	7.1	8.6	10.2	11.10	13.9	15.10	18.2	20.5	22.10	25.6	28.4	31.3
14	7.6	9.2	10.10	12.9	14.10	17.2	19.5	22.1	24.7	27.6	30.5	33.6
15	8.2	9.9	11.8	13.8	16.	18.4	20.9	24.6	26.5	29.5	32.7	36.1
16	8.7	10.6	12.6	14.7	17.1	19.6	22.3	25.2	28.3	31.5	34.9	38.5
17	9.3	11.2	13.4	15.7	18.2	20.9	23.7	26.8	30.	33.	37.1	40.9
18	9.8	11.9	14.1	16.6	19.2	22.1	25.1	28.4	31.8	35.4	39.3	43.3
19	10.4	12.5	14.9	17.5	20.3	23.3	26.5	29.10	33.6	37.4	41.5	45.7
20	10.9	13.2	15.7	18.4	21.4	24.5	27.9	31.5	35.3	39.4	43.7	48.1
21	11.9	13.9	16.5	19.4	22.5	25.8	29.3	33.1	37.1	41.4	45.8	50.5
22	12.	14.5	17.3	20.3	23.5	27.	30.7	34.7	38.9	43.3	48.	52.9
23	12.5	15.2	18.1	21.2	23.11	28.2	32.1	36.3	40.6	45.3	50.2	55.3
24	13.1	15.8	18.9	22.10	25.7	29.5	33.5	37.8	42.4	47.3	52.4	57.7
25	13.6	16.5	19.6	23.	26.7	30.7	34.9	39.4	44.2	49.2	54.5	60.1
26	14.2	17.2	20.4	23.10	27.8	31.9	36.3	40.10	45.9	51.2	56.7	62.5
27	14.8	17.8	21.4	24.9	28.9	33.1	37.7	42.6	47.7	53.2	58.9	64.9
28	15.3	18.5	21.10	25.8	29.9	34.4	39.1	44.1	49.5	55.1	61.1	67.4
29	15.8	19.1	22.8	26.7	31.	35.6	40.5	45.7	51.7	57.1	63.3	69.8
30	16.4	19.8	23.6	27.7	32.1	36.8	41.9	47.3	53.	59.1	65.5	72.2
31	16.9	20.5	24.3	28.6	32.5	38.	43.3	47.10	54.8	61.	67.6	74.5
32	17.5	21.1	25.1	29.5	34.2	39.3	44.7	50.4	56.6	63.	69.8	76.9
33	18.	21.8	25.9	30.4	35.3	40.5	46.1	52.	58.3	64.9	72.	79.4
34	18.5	22.4	26.7	31.3	36.3	41.7	47.5	53.5	60.1	66.9	74.2	81.8
35	19.1	23.1	27.5	32.3	37.4	42.5	48.9	55.2	61.9	68.9	76.9	84.2
36	19.6	23.6	28.3	33.2	38.5	44.2	50.6	56.7	63.6	70.9	78.5	86.6

Cubical Contents Round Timber.

LENGTH.	AVERAGE DIAMETER.											
	INCHES.											
	22	23	24	25	26	27	28	29	30	31	32	33
12	31.2	34.6	37.7	40.9	44.2	47.7	51.3	55.	58.9	62.9	66.1	71.3
13	34.3	37.5	40.8	44.3	47.9	51.7	55.6	59.6	63.8	68.1	72.6	77.2
14	36.10	40.4	43.10	47.7	51.6	55.7	59.9	64.2	68.7	73.4	78.2	83.1
15	39.6	43.3	47.1	51.1	55.3	59.6	64.1	68.8	73.6	78.6	83.8	89.1
16	42.2	46.2	50.3	54.5	58.10	63.6	68.4	73.4	78.5	83.9	89.4	95.
17	44.9	49.1	53.4	57.9	62.7	67.6	72.7	77.10	83.5	89.1	94.10	101.
18	47.5	51.9	56.6	61.4	66.4	71.6	76.10	82.6	88.4	94.4	100.5	106.9
19	50.2	54.8	59.7	64.8	70.1	75.6	81.3	87.2	93.3	99.6	106.1	112.9
20	52.8	57.7	62.8	68.2	73.7	79.5	85.5	91.7	98.2	104.8	111.7	118.8
21	55.4	60.6	65.9	71.6	77.4	83.5	89.8	96.3	103.4	110.1	117.2	124.7
22	58.1	63.5	69.1	75.	81.1	87.5	94.1	100.9	108.	115.3	122.9	130.8
23	60.7	66.4	72.3	78.4	84.8	91.5	98.4	100.10	112.9	120.6	128.5	136.6
24	63.4	69.3	75.4	81.8	88.5	95.4	102.6	105.5	117.8	125.8	134.1	142.6
25	66.5	72.1	78.5	85.2	92.2	99.4	106.9	114.7	122.7	131.	139.6	148.5
26	68.6	75.	81.7	88.7	95.9	103.4	111.2	119.3	127.6	136.3	145.2	154.4
27	71.3	77.9	84.8	92.	99.6	107.4	115.9	123.9	132.5	141.5	150.8	160.4
28	73.9	80.8	88.4	95.9	103.2	111.3	120.2	128.4	137.5	146.8	156.4	166.3
29	76.2	83.7	91.1	98.9	106.9	115.3	124.	133.	142.4	152.	161.10	172.3
30	79.2	86.6	94.3	102.3	110.6	119.2	128.3	137.6	147.3	157.2	167.6	178.2
31	82.3	89.4	97.4	105.7	114.3	123.3	132.6	142.2	152.2	162.5	173.1	184.1
32	84.9	92.3	99.6	109.1	117.9	127.2	136.8	146.8	157.1	167.7	178.7	190.1
33	87.1	95.2	103.7	112.5	121.7	131.2	141.1	151.4	162.	172.5	184.3	196.
34	89.8	98.1	106.8	115.9	125.4	135.2	145.4	155.9	166.9	178.2	189.9	201.9
35	93.	101.	110.	119.	129.	139.	149.	161.	172.	182.	196.	205.
36	95.	104.	113.	123.	133.	143.	154.	166.	177.	190.	201.	212.

Cubical Contents Round Timber.

LENGTH.	AVERAGE DIAMETER.											
	INCHES.											
	34	35	36	37	38	39	40	41	42	43	44	45
12	76	80	85	90	94	100	105	110	115	121	127	133
13	82	87	92	97	102	108	113	119	125	131	137	144
14	88	94	99	105	110	116	122	128	135	141	148	155
15	95	100	106	112	118	124	131	138	144	151	158	166
16	101	107	113	119	126	133	140	147	154	161	169	177
17	107	114	121	127	135	141	148	156	164	171	180	188
18	114	120	128	134	142	149	157	165	173	182	190	199
19	120	127	135	142	151	158	166	174	183	192	201	210
20	126	134	142	149	159	166	175	183	192	202	211	221
21	132	140	149	157	166	174	183	193	202	212	222	232
22	139	147	156	164	174	182	192	202	212	222	232	243
23	145	154	163	172	183	190	201	211	221	232	243	254
24	151	160	170	179	191	199	209	220	231	242	253	265
25	158	167	178	187	198	207	218	229	241	252	264	276
26	160	174	185	194	206	216	227	238	250	262	275	287
27	170	180	192	202	214	224	236	248	260	272	285	298
28	177	187	198	209	222	232	244	257	269	282	296	309
29	183	194	206	217	228	240	253	266	279	292	306	320
30	189	200	213	224	236	249	262	275	289	302	317	331
31	195	207	220	232	244	257	271	284	298	313	327	342
32	202	214	227	239	253	266	279	293	308	323	338	353
33	208	220	234	247	261	274	288	303	317	333	348	364
34	214	227	241	254	268	282	297	312	327	343	359	375
35	220	234	248	261	276	290	305	321	337	353	370	386
36	227	240	255	269	284	299	314	330	346	363	380	398

Cord Wood, Tan Bark, Hoop Poles, Staves and Heading, Etc.

128 CUBIC FEET ONE CORD.

SPECIES.	Pounds per Cord.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Ash, common.....	3450	26.95	1078	3.71	74.2
Beech, "	3240	25.31	1012	3.95	79.
Birch, "	2370	18.52	741	5.42	108.4
Hickory, Shell-bark.....	4470	34.92	1397	2.86	57.2
" Redhart.....	3700	28.90	1156	3.46	69.2
Maple, common.....	2880	22.50	900	4.44	88.8
Oak, White.....	3820	29.84	1194	3.35	67.
" Red.....	3250	25.39	1300	3.08	61.6
" Yellow.....	2920	22.81	912	4.38	87.6
" Live, Cal.....	2860	22.34	897	4.48	89.6
Pine, Virginia.....	2700	21.09	844	4.74	94.8
" Southern	3300	25.78	1031	3.88	77.6
" White.....	1860	14.53	581	6.88	137.6
" Nut, Cal.....	2225	17.38	695	5.76	115.2
" Yellow.....	2100	16.41	556	6.09	121.8
" Pitch.....	1900	14.84	594	6.74	134.8
" Canada.....	1870	14.61	584	6.84	136.8
Poplar, Lombardy.....	1775	13.87	555	7.21	144.2
N.O.S., dry.....	3000	23.44	938	4.27	85.4
" green.....	3500	27.34	1094	3.66	73.2
Tan Bark, green.....	2600	20.31	812	4.92	98.4
" dry.....	2000	15.63	625	6.40	128.
Hoop Poles, green.....	3500	27.34	1094	3.65	73.
" dry	3000	23.44	938	4.27	85.4
Staves and Heading, green.....	4000	31.25	1250	3.20	64.
" " " dry.....	3000	23.44	938	4.27	85.4
Fence Posts, common.....	3500	27.34	1094	3.65	73.
Telegraph Poles, common.....	3500	27.34	1094	3.65	73.
Rails, common.....	3500	27.34	1094	3.65	73.

Shingles and Laths.

ARTICLES.	Cubic Feet per 1000.	Pounds per 1000.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Shingles, Redwood, green.....	8.5	375	44.55	1782	2.25	45.
“ “ dry.....	8.5	285	33.86	1354	2.95	59.
Laths, green.....	22.8	530	23.38	935	4.27	85.4
“ dry.....	22.8	400	17.65	706	5.67	113.4

Shrinkage, Wood and Timber.

SPECIES.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Oak, White, Va., round, green.....	64.70	2588	1.55	31.
“ “ “ “ 1 year.....	53.60	2144	1.87	37.4
“ “ “ “ 2 years.....	46.	1840	2.17	43.4
“ “ “ square, green.....	67.70	2708	1.48	29.6
“ “ “ “ 1 year.....	53.50	2140	1.87	37.4
“ “ “ “ 2 years.....	49.90	1996	2.	40.
“ Live, square, green.....	78.70	3048	1.27	25.4
“ “ “ “ 2 years.....	66.70	2668	1.49	29.8
Pine, Yellow, Va., round, green.....	47.80	1912	2.09	41.8
“ “ “ “ 1 year.....	39.80	1592	2.51	50.2
“ “ “ “ 2 years.....	34.30	1372	2.91	58.2
“ “ “ square, green.....	39.20	1568	2.55	51.
“ “ “ “ 1 year.....	34.20	1368	2.92	58.4
“ “ “ “ 2 years.....	33.50	1340	2.99	59.8

Vehicles.

BAROUCHE, ENGLISH.

A four-wheeled carriage, with falling top, a seat on the outside for the driver, and two seats on the inside arranged for four persons to sit facing each other.

BERLIN.

A four-wheeled carriage like a chariot, invented in the seventeenth century at Berlin, Prussia.

BRETT.

A long four-wheeled pleasure carriage, with a calash top, and seats for four persons besides a driver's seat.

BREAK.

A large four-wheeled carriage, with a straight body, seats for four, calash top, and driver's and footman's seats.

BRITZSKA.

A long carriage, with a calash top, so constructed as to give space for reclining at night, when used on a journey.

BUGGY.

A light, one-horse, four-wheeled vehicle, usually with one seat, and with or without calash top.

CABRIOLET.

A one-horse pleasure carriage, with two seats, having a calash top, and covering for the legs and lap.

CALASH.

A light carriage, with low wheels, having a top which can be raised or lowered; seats for four inside, a special seat for the driver, and often a movable front so that it can be used as an open or closed carriage.

CHAISE.

A two-wheeled carriage, for two persons, with a calash top, and the body hung on leather straps or through braces. It is usually drawn by one horse.

CHARIOTEE.

A four-wheeled pleasure carriage, with two seats.

CLARENCE.

A close four-wheeled carriage, with one seat inside, and a driver's seat.

COACH.

A large close four-wheeled carriage, having at least two seats within, and capable of holding four persons; used for purposes of state, for pleasure and for traveling.

COUPÉ.

A four-wheeled close carriage, for two persons inside, with a special seat for the driver.

DOG-CART.

A two-wheeled or four-wheeled vehicle for sportsmen; so called from being used to carry dogs for hunting, in an open space behind.

GIG.

A light carriage, with one pair of wheels, drawn by one horse.

GLADSTONE.

A roomy four-wheeled pleasure carriage, with two seats inside, calash top, and seats for driver and footman.

JUMP-SEAT.

A carriage constructed with a movable seat, so as to be readily changed from the one-seated to the two-seated form. A movable carriage seat.

LANDAU.

A kind of coach or carriage whose top may be opened and thrown back. So called from Landau, a town in Germany.

ROCKAWAY.

A low, four-wheeled, two-seated pleasure carriage, with full standing top.

STANHOPE.

A light two-wheeled and sometimes four-wheeled carriage without a top. So called from Lord Stanhope for whom it was constructed.

SULKY.

A light two-wheeled carriage, for a single person.

VICTORIA.

A kind of four-wheeled carriage, designed for two persons, with a driver's seat.

WAGONETTE.

A peculiar kind of wagon or carriage, designed to carry six or eight persons.

VEHICLES.

APPROXIMATE WEIGHTS AND MEASURES.

Knocked Down—Completely Boxed.	Cubic Feet Each.	Pounds Each.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs	Cubic Feet per Ton.
Buggies and Road Wagons.....	145.	550	3.79	152	26.39	527.8
Brougham.....	288.8	1700	5.89	236	16.98	339.6
Cabriolet, half top.....	358.3	1500	4.19	168	23.87	477.4
“ extension top.....	242.	1100	4.55	182	22.50	450
Coupé.....	363.7	1800	4.95	198	20.20	404.
Depot Wagon, 4 passengers.....	321.8	1000	3.19	128	31.25	625.
“ “ 6 “.....	330.	1100	3.33	133	30.	600.
Gigs.....	242.	700	2.89	116	34.60	692.
Landau or Coach.....	411.	2500	6.08	243	16.45	329.
Phaeton, 2 passengers.....	168.7	600	3.67	147	27.25	545.
Rumble Phaeton, 3 springs.....	174.6	700	4.01	160	24.94	498.8
“ “ 4 “.....	202.1	900	4.45	178	22.48	449.6
Rockaway, 4 passengers.....	346.4	850	2.45	98	40.82	816.4
“ 6 “.....	414.	2000	4.83	193	20.77	415.4
Side-bar, 4 “.....	170.	700	4.12	165	24.27	485.4
Sulkies.....	110.2	200	1.81	72	55.24	1104.8
T-Carts.....	168.	1000	5.95	238	16.81	336.2
Wheels, heavy.....	64.	250	3.91	156	25.57	511.4
“ medium.....	64.	150	2.34	94	42.74	854.8
Omnibuses, light, seating capacity 6..	222.	1050	....	....	....	....
“ “ “ “ 8..	271.	1250	....	....	....	....
“ “ “ “ 10..	331.	1450	....	....	....	....
“ “ “ “ 10..	347.	1550	....	....	....	....
“ “ “ “ 12..	382.	1650	....	....	....	....
“ “ “ “ 12..	400.	1700	....	....	....	....
“ “ “ “ 12..	417.	1750	....	....	....	....
“ “ top load, S. C. 12..	417.	1950	....	....	....	....
“ heavy, “ “ 12..	417.	2150	....	....	....	....
“ broad..... “ 12..	444.	2250	....	....	....	....
“ city..... “ 12..	472.	2350	....	....	....	....
“ city, top load.. “ 12..	472.	2550	....	....	....	....

VEHICLES.

APPROXIMATE WEIGHTS AND MEASURES.

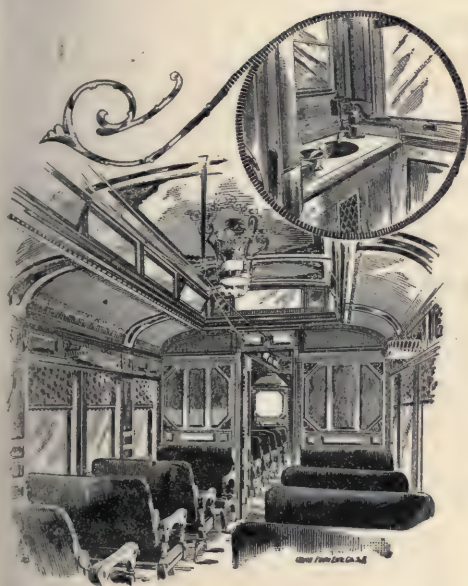
SET-UP.	Cubic Feet Each.	Pounds Each.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Buggies and Road Wagons, top down.	245.5	250	1.02	41	98.04	1960.8
Brougham.....	375.3	1000	2.67	107	37.45	749.
Butcher Cart, with shaft..	297.	600	2.02	81	49.50	990.
Cabriolet, half top.	385.11	850	2.20	88	45.45	909.
“ extension top	484.	600	1.24	50	80.65	1613.
Coupé.....	392.5	1100	2.80	112	35.71	714.2
Depot Wagon, 4 passengers, top.....	402.2	500	1.24	50	80.65	1613.
“ “ 6 “ “	412.6	600	1.45	58	68.97	1379.4
Gigs.....	346.6	300	.87	35	114.94	2298.8
Horse Carts, Farm, with shaft.....	138.6	400	2.90	116	34.48	689.6
Landau or Coach	504.7	1400	2.77	111	36.10	722.
Phaeton, 2 passengers, top down	233.1	300	1.29	52	77.48	1549.6
Rumble Phaeton, 3 springs.....	349.	350	1.	40	100.	2000.
“ “ 4 “	288.7	500	1.73	69	57.80	1156.
Rockaway, 4 passengers.....	422.7	400	.95	38	105.26	2105.2
“ 6 “	483.	1250	2.59	104	38.60	772.
Side-bar, 4 “ no top	267.	350	1.31	52	76.34	1526.8
Sulkies.....	202.6	60	.29	12	344.83	6896.6
T-Carts.....	199.5	600	3.01	120	33.22	664.4
Trucks, 1 horse.....	325.	1650	5.08	203	19.69	393.8
“ 2 horses.....	420.	2500	5.95	238	16.80	336.
“ “ heavy.....	490.	3500	7.14	286	14.	280.
Wagon, Farm.....	272.3	900	3.31	132	30.21	604.2
“ Grocery, covered.....	445.6	1000	2.24	90	44.64	892.8
“ Express.....	222.2	1200	5.41	216	18.30	366.





RULES GOVERNING

Freight, Passengers, and Baggage.



The decisions that have been rendered by the various courts in the different States have been so conflicting in matters pertaining to transportation, that to give only such regulations as are established by law or based upon judicial decisions, would be misleading as well as impracticable. Neither can it be said that all transportation companies have adopted the rules enumerated below, but they may be safely relied upon as being the principles governing the business of all common carriers, whether expressed in their "Rules and Regulations" or not.

FREIGHT.

The abbreviations used in the Classifications of Transportation Companies are often used in quoting rates, and for convenient reference are given here:

L.C.L.	Means less than carload.
C.L.	" Carload.
K.D.	" Knocked down.
S.U.	" Set up.
P.P.	" Prepaid.
Rld.	" Released.
N.O.S.	" Not otherwise specified.
O.R.	" Owner's risk.
O.R.B.	" Owner's risk of breakage.
O.R.C.	" Owner's risk of chafing.
O.R.L.	" Owner's risk of leakage.
O.R.R.	" Owner's risk of rubbing.

FREIGHT DEPARTMENT.

It is the business of the Freight Department of common carriers to receive for shipment and to carry such property as is properly the subject of transportation, and to forward all goods with as quick dispatch as their general business will permit, but they do not agree to forward property by any particular train, or in time for any particular market. All property thus received is subject to the Classification and Rules adopted by the Company receiving it, and is taken by Railway Companies at actual weight. If estimated weight is given in Classification: such estimated weight will apply unless actual weight is greater.

SHIPPING RECEIPTS.

It is the duty of Consignors to furnish Shipping Receipts, in form as may be prescribed by the Carrier, properly marked with address and destination of each consignment, giving full name of consignee, and not merely the initials. Also a full list of articles to conform with the shipping receipt, and such as cannot be fully marked should be so branded, numbered, tagged, or marked that each package or consignment may be easily distinguished.

Shipping Receipts, Bills of Lading, and Live Stock Contracts are negotiable instruments, and must be surrendered properly endorsed before property is delivered. Or in lieu thereof a good and sufficient indemnifying bond must be executed.

GOODS NOT RECEIVED.

Articles in less than carloads are not received unless properly packed in suitable boxes, bales, casks, or packages, and if in bad order are subject to re-packing, re-baling, or cooperage at the expense of the owner.

Household Goods and similar consignments covered by one invoice will not be received as a "lot," but each separate piece must be marked.

No property is received that is entered on the shipping tag or receipt as "Merchandise" or "Sundries."

Empty Whiskey Barrels are not received unless the United States Revenue Stamp, and the marks and brands of the United States Gauger are thoroughly obliterated, nor are empty Beer or Ale Kegs or Casks unless the United States Stamp is erased.

Goods in paper bags or bundles are not received.

Hay is not usually received when loaded on Flat Cars, and when shipped in Box Cars is at the risk of the owner.

Common Carriers do not receive or carry Bank Bills, Drafts, Notes, Deeds, Contracts, valuable papers, or other writings, nor are they responsible for their loss.

Gold and Silver Coin, bullion, or manufactured articles of gold or silver, jewels and watches are not considered proper articles for transportation, and will not be received.

Gunpowder and other combustibles are taken only at the convenience of the carrier. The name of the contents of such consignments must be plainly marked on each package.

The right is reserved to refuse the transportation of perishable articles, unless the charges are fully paid or guaranteed by a responsible party.

Property not considered worth the freight at forced sale will not be received unless the charges are prepaid in full.

Freight consigned to "Order" without additional information as to the name and address of some party or firm resident at destination, who is to be notified, will not be received unless the charges are prepaid in full.

NOT RESPONSIBLE.

Transportation Companies hold themselves free from loss in the shipment of Pictures, Plated Articles, Statuary, Silk or Lace, unless when delivered for shipment a memorandum in writing is also delivered, stating the character and kind of articles and their value.

They do not hold themselves responsible for loss or damage caused by delays; or for the decay or injury to perishable articles;—damage arising from heat or cold;—damage to hidden contents of package;—loss by leaking, bursting or fermenting;—deficiency in Lemons, Oranges, or other fruits in crates or baskets, unless covered with canvas;—deficiency in Nuts or Shot when shipped in single bags;—Figs in Drums, unless boxed;—Raisins, unless packages are securely strapped together;—Cigars, unless strapped, corded and sealed;—Dry Goods, Boots and Shoes, Hats, Caps, Straw Goods, Furs, or other merchandise, shipped in Trunks, unless securely strapped with iron;—loss or damage by fire from any cause whatever;—damage resulting from improper stowage, when loaded by shipper;—shortage in count when loaded by shipper and at "Shipper's Count;"—shortage in weight when received at "Shipper's Weight;"—shortage either in weight or count when received at "Shipper's Weight and Count;"—loss or damage by providential causes;—loss or damage when goods are received at "Owner's Risk," or "Released," except such damage or loss arises from the lack of ordinary care by the carriers, their agents or employees;—property not receipted for by a duly authorized Agent;—freight shipped from a station where there is no Agent until the same is delivered to the Conductor of the train;—goods after being delivered at a point where there is no Agent;—any delay, loss, damage, or injury to property of any kind or description when destined to points beyond the termini of their own lines after the delivery of said property to other carriers or freightmen.

OWNER'S RISK.

When shipment is made at "Owner's Risk," the words "Owner's Risk" should be entered upon the shipping receipt or bill of lading; if omitted, the next higher rate than that provided for at "Owner's Risk," will be charged, unless otherwise provided for in classification.

RELEASE.

When the classification provides for an article "Released," a written release of the form prescribed by carrier must be executed, otherwise the consignment will be charged for at the next higher rate than the rate provided for "Released" shipments, unless otherwise provided for in classification.

BOXED.

All freight provided for in classification "Boxed," and not provided for in Crates, Racks, Bales, Bags, or Bundles, will be charged, when shipped in "Crates" or "Racks," a higher rate than in "Boxes," and when shipped in "Bales," "Bags," or "Bundles," a higher rate than in "Crates" or "Racks."

Where same rating is provided for articles in boxes or bundles, the rate given will apply upon shipments of the same articles crated, and when not otherwise specified, where the same rating is provided for articles shipped in boxes or crates, the same article shipped in bundles will take the next class higher.

PACKED.

Liquors in cans, demijohns or jugs must be packed in kegs, boxes or jackets.

When goods are packed in second-hand boxes or barrels the original marks must be completely erased.

Packages containing articles of more than one class will be charged at the tariff for the highest classed article contained in the package.

CONTRABAND GOODS.

Rates named in bill of lading on property misrepresented are illegal, and when goods are shipped under a false name in order to deceive the carrier, on arrival at destination charges will be collected according to classification; and in case of loss or damage, consignee will be paid as called or shipped.

SECOND PARTY.

Goods consigned to a second party are not delivered to the first party in whose care the same is consigned, without a written order from the second party

SMALL CONSIGNMENTS.

Small consignments received from different consignors to one consignee, shipped at same time and place, will be treated as a single consignment.

No shipment, however small, will be taken for a less sum than "minimum" rate fixed by the carrier.

PREPAID.

Freight must be prepaid on consignments destined to stations where there is no Agent, and if not prepaid it will be delivered at the nearest station where there is an Agent.

TRUNKS.

Trunks containing wearing apparel and personal effects are required to be boxed. If comprising part shipment of household goods, they must be either boxed or crated.

CARS, HOW FURNISHED.

Cars are usually furnished in the order in which requisitions are received, but are not furnished at a specified time, and when required for grain and other dead freight are, as a rule, distributed in proportion to the amount of freight actually on hand and ready for shipment.

CARLOADS.

Twenty thousand (20,000) pounds is considered a carload, except, however, in case of light and bulky freight, on which a carload rate is provided, when forty (40) tons measurement will be considered the full capacity of a car, and equivalent to 20,000 pounds weight, unless classification provides a different minimum carload weight; the carload rate will apply to any excess of 20,000 pounds, or 40 tons measurement, although packed in another car.

STRAIGHT CARLOADS.

Carload rates apply only upon straight carloads of one kind of freight for one consignee at one destination. Exceptions to this rule are sometimes made in the shipment of mixed car lots of articles for each of which a carload rate is provided, and may take the highest carload rate given on any one of the articles in the lot if to one consignee and shipped by the same consignor. Or when two or more articles are permitted to be shipped as a mixed carload, each taking its own carload rate.

MINIMUM CARLOAD.

The amount charged for less than a carload of freight should not exceed the charges on a minimum carload weight of the article.

Application—Suppose the rate on a given article was 40¢ per 100 pounds in less than carloads, and 35¢ per 100 pounds in carloads, and 18,000 pounds the amount shipped—

$$18,000 \text{ lbs.} \times 40\text{¢} = \$72.00$$

$$\text{Min. carload, } 20,000 \text{ lbs.} \times 35\text{¢} = 70.00$$

Therefore the consignment would be billed at 20,000 pounds and at carload rate, instead of actual weight (18,000), and at the less than carload rate.

FREIGHT IN BULK.

Freight is not received in bulk in less than carloads, and if shipped in less than carload quantities the minimum carload weight will be charged.

LIVE STOCK.

Rates given on Live Stock are based on fixed valuation, and when the owner or shipper requires a greater valuation than that fixed by the Company, a higher rate will be charged.

Live Stock must be loaded and unloaded by the owner, and at his risk and expense, and a stock contract must be signed by him before shipment.

The terms of a Live Stock contract require that the owner or shipper of Live Stock feed, water, and take care of the stock at his own risk and expense, and assume all risk of injury or damage that the animals may do to themselves or each other.

The number of persons who are to take charge of a shipment of Live Stock, when in carloads, and who will be furnished with a pass, are determined by the carrier according to the number of cars shipped. No return pass will be given.

When Live Stock is shipped in full carloads, and no one in charge, they must be watered at least once in twenty-four hours, as provided by United States law.

Whenever the owner or man in charge requires the use of a whole car for his animals, he will be charged the full carload rate, though he may have but one animal.

PERISHABLE ARTICLES.

It is customary when perishable articles require the use of a stove, that a person in charge be furnished with a pass. No return pass will be given. Passes are not given to persons in charge of trees and shrubs.

PRESERVATIVES.

When necessary for the protection of property, a stipulated quantity of straw, sawdust, tan bark, ice, or salt is generally allowed free, but any excess of the weight provided for as free will be charged for at the same rate as that given on the article in the car.

GOODS DELIVERED.

When goods are delivered into Companies' Warehouse or Depot their responsibility as common carriers ceases, thereafter being that of warehousemen only.

STORAGE.

After goods remain in warehouse twenty-four hours they are liable for storage charges, whether remaining in the Company's possession or sent to some storage warehouse, and are at the risk and expense of the owner, subject to charges, customary storage, commission, and sale for charges as provided by law.

DEMURRAGE.

Cars not unloaded within twenty-four hours after arrival at destination, Sunday not included, will be liable for charges according to the regulations of the carrier.

MARKED CAPACITY OF CAR.

When a car is loaded by shipper, at the rate provided for carloads, a higher rate will be charged, as may be established by carriers, on any excess above the marked capacity of car.

ADVANCE CHARGES.

It is not the business of Common Carriers to advance the whole or any portion of the value of property. The only advance to be made is for the legitimate transportation charges of other carriers, drayage, storage and commission charges. Neither are they accountable for the correctness of advance charges paid by them in good faith to other Companies or individuals as back charges.

DAMAGED ARTICLES.

Transportation Companies reserve the right to take for their own use damaged articles upon payment of the invoice price with freight, if latter has been paid.

EMIGRANT MOVABLES.

The rates quoted by transportation companies on "Emigrant Movable" apply to outfits of intended settlers and not on any class of property or general merchandise intended for sale or speculation.

PROPERTY OF CONSIGNEE.

When goods are delivered to a Company to be forwarded they become the property of consignee.

TRANSFER.

Common Carriers reserve the right to transfer freight *en route* as the necessity and convenience of the case may require.

SPECIAL RATES.

When a special rate other than tariff is quoted, it is not considered binding unless promptly accepted and the Freight Department notified.

DELIVERY.

It is a safe rule not to deliver a part of a consignment until the freight is paid on the whole.

TOO LARGE TO LOAD IN BOX CAR.

Packages measuring over $4\frac{1}{2}$ feet wide, 6 feet high, and 10 feet long can not be loaded into a box car.

CLAIMS.

It is the wish of Common Carriers to adjust all claims, from whatever source they may arise, as promptly as possible. In order that they may do so care should be taken to present the claim in accordance with the rules of the Company. Any neglect in this respect on the part of the claimant will only cause delay.

PASSENGER DEPARTMENT.

Ticket rates are fixed by the management of transportation companies and cannot be changed by the Ticket Agent.

UNLIMITED FIRST-CLASS TICKETS.

An unlimited First-Class Ticket entitles the holder to ride in first-class coaches, and is good for use for an indefinite period, allowing stop-over at any point, subject to the regulations of the line or lines over which they read.

LIMITED FIRST-CLASS TICKETS.

A limited First-Class Ticket entitles the holder to every privilege accorded to an unlimited ticket, but must be used in a certain specified time from its date of sale. It is usually limited to two or three days longer than the actual time required to reach destination. Stop-overs may be had within such limit.

SECOND-CLASS TICKETS.

A Second-Class Ticket entitles the holder to ride in a second-class coach. It does not allow stop-overs at any point.

CHILDREN.

Children 5 years of age and under 12 years are charged half fare; those under 5 years, free.

CONTRACT TICKET.

If a person endeavors to travel on a "Contract Ticket," bought for the use of another person and usually marked "Not Transferable," it is the duty of the Conductor to take it up and collect full fare, of which the passenger can not expect a refund, nor the return of the ticket.

TICKETS REDEEMED.

Tickets that have not been used are generally redeemed by the Company as an act of courtesy. Unused tickets or parts of tickets should be forwarded to the General Passenger Agent of the issuing line, with an explanation of why they were not used. The return portion of a round-trip ticket is generally redeemable at the difference between the amount paid for it and the regular trip rates between the points for which sold.

STOP-OVERS.

If passengers wish to stop over at any point, and the holder's ticket allows it, they must ask the Conductor for a stop-over check, without which they will be obliged to pay fare on resuming their journey.

LOST TICKETS.

Persons losing their ticket must sustain the loss. The Company is under no obligations to give them another in its place, nor to allow them

to ride free. They should notify the Conductor of their loss; pay their fare to him, or purchase another ticket at the first ticket station, and take the Conductor's or Ticket Agent's receipt for the amount paid. When they reach their destination, they should write the General Passenger Agent of the road of which they bought their ticket, enclose receipt, and explain the circumstances. If the ticket is found and returned unused, the Company will refund the money paid. If the ticket was limited and is never found, the Company will probably refund the money within a reasonable length of time after its date of expiration.

CAUTION.

When a difference of opinion exists between a passenger and the Conductor regarding the payment of passage, the passenger should pay the Conductor's claim, take a receipt for the amount, and refer the matter to the General Passenger Agent, who will satisfactorily adjust it.

BAGGAGE DEPARTMENT.

Baggage to the amount of 150 pounds is allowed free on each full ticket, and 75 pounds on each half ticket.* (In "England" 120 pounds is allowed free on each first-class ticket, 100 pounds on each second-class ticket, and 60 pounds on each third-class ticket.)

NOT CHECKED.

A single piece of Baggage weighing over 250 pounds will not be checked, but must be shipped by express or freight.

DUTIES OF BAGGAGEMEN.

They are not allowed to check Baggage until they have examined ticket.

They are not allowed to check Baggage short of destination of ticket, unless such ticket allows stop-over privileges.

They cannot knowingly check anything but personal apparel and traveling effects; all other articles must be weighed and charged for as excessive baggage.

PRECAUTION.

As a matter of precaution have your name and address plainly marked on your trunk, and make a note of your check number, for in case of losing your check you will be called upon to prove your property.

*The above must not be construed to mean that one passenger may be entitled to check free more than 150 pounds of Baggage, though he may hold two or more full tickets. Neither can a passenger having no Baggage, check free Baggage belonging to another party.



Railway Signal Code.

WHISTLE AND HAND SIGNALS.

One (1) whistle signifies: "Down Brakes."

Two (2) whistles signifies: "Off Brakes."

Three (3) whistles signifies: "Back Up."

Continued whistles signifies: "Danger."

Rapid short whistles signifies: "A Cattle Alarm."

A sweeping parting of the hands on a level with the eyes signifies: "Go Ahead."

Downward motion of the hands with extended arms signifies: "Stop."

Beckoning motion of one hand signifies: "Go Back."

COLORLED FLAG AND LANTERN SIGNALS—TORPEDOES.

Red flag waved up track signifies: "Danger."

Red flag stuck up by the roadside signifies: "Danger Ahead."

Red flag carried on locomotive signifies: "An Engine Following."

Red flag hoisted at station signifies: "Stop."

Lantern at night raised and lowered vertically signifies: "Start."

(See cuts above.)

Lantern swung at right angles across the track signifies: "Stop."

Lantern swung in a circle signifies: "Back the Train."

Lantern swung at arm's length signifies: "Train Parted."

Red signifies: "Danger."

Green signifies: "Caution, Go Slowly."

White signifies: "Safety."

Green and white signifies: "Stop at Flag Stations for Passengers or Freight."

One cap or torpedo on rail signifies: "Stop Immediately."

Two caps or torpedoes on rail signifies: Reduce Speed Immediately and Look Out for Danger Signals."

TRAIN MANAGEMENT.

A train while running must display two (2) green flags by day, and two (2) green lights by night, one on each side of the rear of the train.

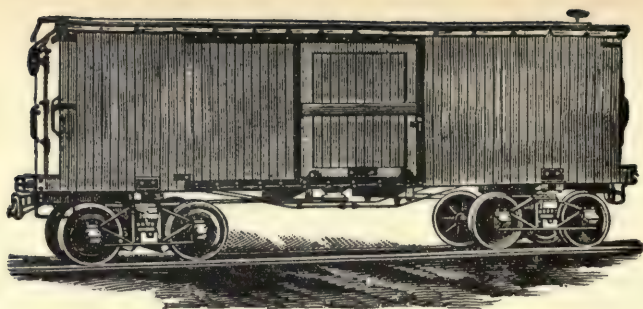
After sunset, or when obscured by fog or other cause, must display head light in front and two (2) red lights on rear.

Two (2) green flags by day, and two (2) green lights by night, displayed in places provided for that purpose on the front of the engine, denote that the train is followed by another train running on the same schedule and entitled to the same time-table rights as the train carrying the signals.

Two (2) white flags by day, and two (2) white lights by night, carried in the same manner, denote that the train is an extra.

A blue flag by day, and a blue light by night, placed on the end of the car, denote that inspectors are at work under or about the car or train, and that it must not be coupled to, or moved until the blue signal is removed.

The old established Code given above has recently been superseded by the adoption, by many companies, of the Code given in full, to be found in another portion of this work. See index.



Freight Equipment.

In calling attention to the tables relating to Freight Equipment, it will be noticed that the capacity of the various kind of cars is not only given in weight, but also in measurements. These tables give the dimension and capacity of nearly, if not all, of the different sizes of Freight Equipment Cars in use on the railways in the United States, having a gauge of 4 feet $8\frac{1}{2}$ inches, 4 feet $8\frac{3}{4}$ inches, and 4 feet 9 inches. From the fact that the numbering of cars is frequently changed, a reference index is omitted. It is, however, an easy matter for each company to determine the cars in use on their line or lines of their road. The Southern Pacific Railroad Company, has a road-bed of 4 feet $8\frac{1}{2}$ inch gauge, and by referring to its records it is found that Box Cars, numbers 24, 76, 93, 125, 410, 490, 502, 550, 589, and 685 are 29 feet $4\frac{1}{2}$ inches long, 8 feet 7 inches wide, 6 feet 7 inches high, inside measurement, have a marked capacity of 40,000 pounds, and are in use on Morgan's Louisiana & Texas R. R. (Atlantic System of the Southern Pacific). By referring to the table it will be ascertained that these cars have each a cubic capacity of 41 tons, or 1654 cubic feet. The extensions show that any article of merchandise weighing 24 pounds to the cubic foot, or 967 pounds per cubic ton, will be the full capacity of the car, both weight and measurement; that 40,000 pounds can not be loaded on the car of any class of goods weighing less than 24 pounds to the cubic foot. Merchandise weighing 23 pounds per cubic foot would require a stowage room of 1746 cubic feet. That 10 tons of any article weighing less than 12 pounds to the cubic foot could not be shipped in a car measuring 1654 cubic feet.

By referring to the tables of weights and measures of General Merchandise, it will be noted that ordinary candles measure 3.57 cubic feet for each 100 pounds in weight. If the car should be loaded with candles up to its full marked capacity, a space of 1428 cubic feet would be required. If with 10 tons, 714 cubic feet would be occupied. If 8540 pounds of candles were loaded in the car, there would be 1349 cubic feet remaining for other merchandise. It will be noted that ordinary candles weigh 4 pounds per cubic foot more than the measured capacity of the car would indicate; therefore, weighing more than 24 pounds to the cubic foot, the car could be loaded up to its full-weight capacity with 200 cubic feet to spare. Suppose that a farm horse



H.P. CYLINDER, 14 INCHES DIAMETER.
L.P. CYLINDER, 24 INCHES DIAMETER.
STROKE, 24 INCHES.
DRIVING-WHEELS, 72 INCHES DIAMETER.

TEN-WHEELED "COMPOUND" LOCOMOTIVE.

TOTAL WEIGHT, 133,000 POUNDS.
WEIGHT ON DRIVERS, 100,000 POUNDS.
TOTAL WHEEL-BASE, 24 FEET, 2 INCHES.
DRIVING-WHEEL-BASE, 12 FEET, 6 INCHES.

should be loaded in the car under consideration. His weight is estimated at 2000 pounds. It would not be giving too much space to confine him to 3 feet. Allowing full width of car, the animal would occupy 170 cubic feet, in which space 5600 pounds of oranges could be packed. It is a rule of railway companies that an extra charge be made on all freight loaded in excess of the marked capacity of a car. The reason for so doing is obvious: a car that is continually being overloaded will have to be sent to the repair shop much sooner than it otherwise would. A car of the above mentioned dimensions, loaded to its full weight capacity with wheat in sacks, will have but little more than one-half of its space taken up; this possibility of overloading under such circumstances would result in an additional expense to the shipper, and a loss to the transportation company, resulting from overtaxed rolling stock. The facts to which attention is directed are applicable to all cars, considering the capacity in weight and measurement of each. These comparisons could be continued indefinitely.

The Cleveland and Canton Railroad Company, having a road-bed of 4 feet $8\frac{3}{4}$ inches, know from the classification of its cars that Box Cars numbering from 4050 to 4089 are 29 feet long, 7 feet wide, and 6 feet high, with a weight capacity of 15 tons, or 30,000 pounds.

The Chesapeake and Ohio Railway Company's track has a gauge of 4 feet 9 inches, and knows that its Box Cars numbering from 20,200 to 20,240, are 33 feet long, 7 feet 7 inches wide, and 6 feet 7 inches high, and have a marked capacity of 40,000 pounds.

The calculations made on all Platform, or Flat Cars, are made on a uniform height of 1 foot above the platform; this gives a basis for ascertaining the cubic capacity for any number of feet that may be required above the platform.

For Example: A car 30 feet long, 8 feet wide, 1 foot above platform, and 20,000 pounds capacity, has 6 cubic tons, 240 cubic feet, 83.33 pounds per cubic foot, 3333 pounds per cubic ton, 1.20 cubic feet per 100 pounds, and 24 cubic feet per ton weight.

Rule—Multiply the measurements by the number of feet required above platform and divide the pounds by the same number.

Taking the dimensions of the above mentioned car (weight capacity 10 tons), to ascertain its cubical contents, etc., 5 feet above the platform:

Example—

$$\begin{array}{rcl}
 6 \text{ cu. tons} & \times 5 & = 30 \text{ cu. tons.} \\
 240 \text{ cu. ft.} & \times 5 & = 1200 \text{ cu. ft.} \\
 83.33 \text{ lbs.} & \div 5 & = 16.67 \text{ lbs. per cu. ft.} \\
 3,333 \text{ lbs.} & \div 5 & = 667 \text{ lbs. per cu. ton.} \\
 1.20 \text{ cu. ft.} & \times 5 & = 6 \text{ cu. ft. per 100 lbs.} \\
 24 \text{ cu. ft.} & \times 5 & = 120 \text{ cu. ft. per ton.}
 \end{array}$$

To find the contents of a Box Car for any number of feet above the bottom of the car:

Multiply the measurements by the fraction created by taking the height as a denominator and the number of feet required above the bottom of the car as a numerator, and divide the pounds by the same fraction.

A car 26 feet long, 8 feet 1 inch wide, 6 feet high, weight capacity 24,000 pounds, and it contains 31.52 cubic tons, 1261 cubic feet, 19 pounds

per cubic foot, 760 pounds per cubic ton, 5.26 cubic feet per 100 pounds, and 105.2 cubic feet per ton, and we wish to find its cubic capacity, etc., 4 feet above the bottom of the car:

Operation—

$$\begin{aligned} 31.52 \times \frac{2}{3} &= 21.02 \text{ cu. tons.} \\ 1261 \times \frac{2}{3} &= 841 \text{ cu. ft.} \\ 19 \div \frac{2}{3} &= 28.50 \text{ lbs. per cu. ft.} \\ 760 \div \frac{2}{3} &= 1140 \text{ lbs. per cu. ton.} \\ 5.26 \times \frac{2}{3} &= 3.51 \text{ cu. ft. per 100 lbs.} \\ 105.2 \times \frac{2}{3} &= 70.2 \text{ cu. ft. per 1 ton.} \end{aligned}$$

The only way that any change can be made in these tables is by strengthening a car and increasing its weight capacity. The cubic feet and tons measurement remain the same, the other conditions are altered. When such is the case, add to the number of pounds per cubic foot already shown for the car, the product obtained by dividing the number of pounds increase of car by number of cubic feet capacity of car raised, and the result will be the number of pounds per cubic foot of carrying capacity of the increased car.

For Example: Take the first Box Car mentioned in these tables, which has a weight capacity of 24,000 pounds. Strengthen it to 30,000 pounds. Its capacity has been increased 6000 pounds. As it now stands, it will sustain a load of 23.51 pounds for each cubic foot the car contains, and not infringe on its marked capacity; we then have:

$$\begin{aligned} \text{Present pounds per cu. ft.} & 23.51 \\ 6000 \div 1021 &= 5.88 \\ \text{Total capacity of increased car per cu. ft.} & 29.39 \end{aligned}$$

Having ascertained this, the other quantities, namely, pounds per cubic ton, cubic feet per hundred pounds, and cubic feet per ton, which have been affected, can be easily determined, as follows:

To find number of pounds in one cubic ton, multiply number of pounds in cubic feet by number of cubic feet (40) in one ton.

To find number of cubic feet in 100 pounds, divide 100 pounds by number of pounds in one cubic foot.

To find number of cubic feet in one ton of 20 cwt., multiply the number of cubic feet in 100 pounds by 20. The answer will be in cubic feet and hundredths of a cubic foot. In all cases I have dropped the hundredths leaving the result in cubic feet and tenths of a cubic foot.

ABBREVIATIONS.

C.F.F.L.	Means Cal. Fast Freight Line.
D.	" Dump.
D.D.	" Double Deck.
H.	" Hopper.
H.B.	" Hopper Bottom.
R.	" Rack.

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 8½ IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Box	22 4	7.5	6.2	12	25.53	1021	23 51	940	4.25	85.
"	24.7	8.1	6.	15	29.80	1192	25.17	1007	3.97	79.4
"	26.	8.1	6.	12	31.52	1261	19.	760	5.26	105.2
"	26.	8.1	6.	15	31.52	1261	23.78	951	4.20	84.
"	26.	8.7	5.8	10	31.60	1264	15.82	633	6.32	126.4
"	26.	8.7	5.9	12½	32.07	1283	19.49	780	5.13	102.6
"	27.	7.5	6.6	10	32.55	1302	15.36	614	6.58	131.6
"	27.	7.6	6.	20	30.37	1215	32.92	1317	3.04	60.8
"	27.3½	7.10	6.3½	15	33.62	1345	22.30	892	4.48	89 6
"	27.3¾	7.9½	6.7½	12	35.22	1409	17.03	681	5.87	117.4
"	27.4	7.6	6.2	10	31.60	1264	15.82	633	6.32	126.4
"	27.4	7.10	6.2	15	33.	1320	22.73	909	4.40	88.
"	27.4	7.10	6.2	18	33.	1320	27.27	1091	3.67	73.4
"	27.4	7.10	6.2	22	33.	1320	33.33	1330	3.	60.
"	27.4	7.8	6.2	18	32.30	1292	27.86	1114	3.59	71.8
"	27.4	8.	6.	18	32.80	1312	27.44	1098	3.64	72.8
"	27.4	8.1	6.8	14	36.82	1473	19.	760	5.26	105.2
"	27.4	8.1	6.8	15	36.82	1473	20.37	815	4.91	98.2
"	27.4	8.1	6.8	20	36.82	1473	27.14	1086	3.68	73.6
"	27 4	7.7	6.1½	14	31.52	1261	22.20	888	4.50	90.
"	27 5	7.6	6.2	10	31.70	1268	15 77	631	6.34	126.8
"	27 5	7.5½	6 2	12	31.32	1254	19.14	766	5.22	104.4
"	27 5	7.5½	6.2	15	31.32	1254	23.92	957	4.18	83.6
"	27 5	7.5½	6.2	20	31.32	1254	31.90	1276	3.13	62.6
"	27 5	8.	6.4	10	34.72	1389	14.40	576	6.94	138.8
"	27.5	8.	6.4	12½	34.72	1389	18.	720	5.56	111.2
"	27.5½	8.2½	6.3	12	35.10	1404	17.09	684	5.85	117.
"	27.5½	8.2½	6.3	15	35.10	1404	21.37	855	4.68	93.6
"	27.5½	8.2½	6.3	16	35.10	1404	22.79	912	4.39	87.8
"	27.5½	8.2½	6.3	20	35.10	1404	28.49	1140	3.51	70.2
"	27.5½	8.2½	6.10¼	15	38.62	1545	19.42	777	5.15	103.
"	27.5½	8.2½	6.10¼	20	38.62	1545	25.89	1020	3.86	77.2
"	27.5¾	7.11¾	6.7½	15	36.02	1441	20.82	833	4.80	96.
"	27.5¾	7.10¼	6.6	12	35.05	1402	17.12	685	5.84	116.8

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 8½ IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Box.....	27.6	7.6	6.2	10	31.80	1272	15.72	629	6.36	127.2
".....	27.6	7.11	6.3	15	34.02	1361	22.04	882	4.54	90.8
".....	27.6	7.11	6.4½	14	34.70	1388	20.17	807	4.96	99.2
".....	27.6	7.11	6.5	12	34.93	1397	17.18	687	5.82	116.4
".....	27.6	7.11	6.11	12	37.65	1506	15.27	611	6.55	131.
".....	27.6	7.11	6.11	15	37.65	1506	19.92	797	5.02	100.4
".....	27.6	8.	6.	15	33.	1320	22.70	908	4.41	88.2
".....	27.6	8.	6.3	15	34.37	1375	21.82	873	4.58	91.6
".....	27.6	8.	6.5	10	35.30	1412	14.16	566	7.06	141.2
".....	27.6	8.	6.5	12½	35.30	1412	17.70	708	5.65	113.
".....	27.6	8.	6.6	14	35.75	1430	19.58	783	5.11	102.2
".....	27.7	7.11	6.2	12	33.67	1347	17.82	713	5.61	112.2
".....	27.7	8.	5.11	20	32.62	1306	30.63	1225	3.26	65.2
".....	27.7	8.	6.4	15	34.95	1398	21.45	858	4.66	93.2
".....	27.7	8.1	6.	15	33.45	1338	22.42	897	4.46	89.2
".....	27.7	8.1	6.6	15	36.22	1449	20.70	828	4.83	96.6
".....	27.7	8.1	6.6	20	36.22	1449	27.60	1104	3.62	72.4
".....	27.7	8.1	6.9	15	37.62	1505	19.93	797	5.02	100.4
".....	27.7	8.1	6.9	20	37.62	1505	26.58	1063	3.76	75.2
".....	27.7½	8.0½	6.7¼	15	36.67	1467	20.45	818	4.89	97.8
".....	27.8	7.7	6.	10	31.47	1259	15.89	636	6.92	138.4
".....	27.8	8.	6.3	15	34.57	1383	21.69	868	4.61	92.2
".....	27.8	8.1	6.2	15	34.47	1379	21.75	870	4.60	92.
".....	27.8	8.2	6.2	15	34.90	1396	21.49	860	4.65	93.
".....	27.8	8.3	6.8	15	38.05	1522	19.71	788	5.07	101.4
".....	27.8	8.3	6.8	20	38.05	1522	26.28	1051	3.81	76.2
".....	27.9	8.5	7.4	10	42.82	1713	11.67	467	8.57	171.4
".....	27.9	7.10	6.	15	32.60	1304	23.01	920	4.35	87.
".....	27.11	8.7	6.3	12½	37.45	1498	16.69	668	5.99	119.8
".....	27.11	8.7	6.3	20	37.45	1498	26.70	1068	3.75	75.
".....	28.	7.4	7.1	10	36.35	1454	13.76	550	7.27	145.4
".....	28.	7.6	6.2	15	32.37	1295	23.24	930	4.30	86.
".....	28.	8.	6.3	13	35.	1400	18.57	743	5.39	107.8
".....	28.	8.1	6.6	12	36.77	1471	16.32	653	6.12	122.4

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 8½ IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Box.....	28.	8.1	6.8	20	37.72	1509	26.50	1060	3.78	75.6
"	28.	8.3	6.8	15	38.50	1540	19.48	779	5.13	102.6
"	28.1	8.1	6.6	15	36.87	1475	20.31	812	4.92	98.4
"	28.2	8.	6.1	12½	34.27	1371	18.23	729	5.49	109.8
"	28.4	8.	5.11	15	33.52	1341	22.37	894	4.48	89.6
"	28.4	8.	5.11	20	33.52	1341	29.82	1193	3.35	67.5
"	28.4	8.	5.11¼	20	33.65	1346	29.57	1183	3.38	67.6
"	28.5¾	7.11¾	6.7¼	15	36.05	1442	20.80	832	4.81	96.2
"	28.6	8.	6.	15	34.20	1368	21.93	877	4.56	91.2
"	28.7	8.1	6.6	10	37.50	1500	13.33	533	7.50	150.
"	28.7	8.1	6.6	12	37.50	1500	16.	640	6.25	125.
"	28.7	8.1	6.6	12½	37.50	1500	16.67	667	6.	120.
"	28.9	8.	6.	12	34.50	1380	17.40	696	5.73	114.6
"	28.10	8.5	6.	10	36.40	1456	13.74	550	7.28	145.6
"	28.11	8.5	5.11	10	36.	1440	13.89	556	7.20	144.
"	29.	7.	6.	15	30.45	1218	24.63	985	4.06	81.2
"	29.	7.5	6.9	10	36.30	1452	13.76	550	7.27	145.4
"	29.	8.	7.	10	40.60	1624	12.32	493	8.12	162.4
"	29.1	8.1	6.6	12	38.55	1542	15.57	623	6.42	128.4
"	29.3¾	7.10¾	6.7½	14	38.45	1538	18.21	728	5.48	109.6
"	29.4	7.9	6.5	10	36.47	1459	13.71	548	7.29	145.8
"	29.4	7.9	6.5	12½	36.47	1459	17.14	686	5.86	117.2
"	29.4	7.10	6.2	15	35.42	1417	21.17	847	4.72	94.4
"	29.4	7.10	6.5	10	36.87	1475	13.56	542	7.37	147.4
"	29.4	7.10	6.5	12½	36.87	1475	16.95	678	5.90	118.
"	29.4	8.4	6.3	15	38.17	1527	19.65	786	5.09	101.8
"	29.4	8.4	6.5	12½	39.22	1569	15.93	637	6.28	125.6
"	29.4	8.4	6.5	20	39.22	1569	25.49	1020	3.92	78.4
"	29.4	8.5	6.8	20	41.15	1646	24.30	972	4.12	82.4
"	29.4½	8.7	6.7	20	41.62	1665	24.02	961	4.16	83.2
"	29.5	8.5	6.5	15	39.72	1589	18.88	755	5.30	106.
"	29.6	7.8	6.5	15	36.27	1451	20.68	827	4.84	96.8
"	29.6	7.9	6.4	10	36.20	1448	13.81	552	7.24	144.8
"	29.6	7.9	6.4	12½	36.20	1448	17.27	691	5.77	115.4

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 8½ IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Box.....	29.6	7.10½	6.3½	15	36.55	1462	20.52	821	4.87	97.4
".....	29.6¼	8.0¼	6.7	20	38.90	1555	25.70	1028	3.89	77.8
".....	29.7	7.10	6.10	12½	39.60	1584	15.78	631	6.34	126.8
".....	29.8	8.1	6.3	20	37.37	1495	26.76	1070	3.74	74.8
".....	30.	7.5	7.2	15	39.87	1595	18.81	752	5.32	106.4
".....	30.	7.5	7.3	15	40.32	1613	18.60	744	5.33	107.6
".....	30.8	8.2	7.6	20	46.95	1878	21.30	852	4.69	93.8
".....	30.8¼	8.3¼	6.0¼	10	38.17	1527	13.10	524	7.63	152.6
".....	30.8¼	8.3¼	6.0¼	15	38.17	1527	19.65	786	5.09	101.8
".....	30.8¼	8.3¼	6.0¼	20	38.17	1527	26.13	1045	3.83	76.6
".....	31.4	7.7	6.1½	14	36.52	1461	19.16	766	5.22	104.4
".....	31.4	8.	6.2	15	38.65	1546	19.40	776	5.15	103.
".....	31.11	8.2	7.5½	25	48.72	1944	25.72	1029	3.89	77.8
".....	32.2	8.2	6.3	20	41.05	1642	24.36	974	4.11	82.2
".....	32.3¼	7.10¼	5.11½	25	37.62	1509	33.13	1325	3.02	60.4
".....	32.4	7.	6.3	20	35.37	1415	28.27	1131	3.54	70.8
".....	32.4	8.0½	6.7¼	20	43.28	1712	23.35	934	4.28	85.6
".....	32.4	8.2	7.4	20	48.40	1936	20.66	826	4.84	96.4
".....	32.4½	7.6½	6.1	20	37.12	1485	26.94	1078	3.71	74.2
".....	32.5	8.8	7.0¼	15	49.30	1972	15.21	608	6.57	131.4
".....	32.5	8.8	7.1¼	15	49.90	1996	15.03	601	6.65	133.
".....	32.6	7.2	6.4	20	36.87	1475	27.12	1085	3.69	73.8
".....	32.6	7.7	6.7	15	40.55	1622	18.50	740	5.41	108.2
".....	32.6	7.7	6.7	20	40.42	1617	24.73	989	4.04	80.8
".....	32.6½	7.6½	6.4	14	38.85	1554	18.02	721	5.55	111.
".....	32.6½	7.6½	6.4	20	38.85	1554	25.75	1030	3.88	77.6
".....	32.9	7.6½	6.1	20	37.50	1500	25.67	106	3.75	75.
".....	32.10	8.	6.7	20	43.22	1729	21.99	880	4.55	91.
".....	32.10½	7.6¾	6.1	20	37.77	1511	26.47	1059	3.79	75.8
".....	32.11	7.10	6.5	20	41.80	1672	24.14	966	4.14	82.8
".....	33.	7.7	6.8	20	41.70	1668	23.98	959	4.17	83.4
".....	33.	7.8	6.5	20	40.57	1623	24.65	986	4.06	81.2
".....	33.	7.11	6.4	20	41.37	1655	24.17	967	4.14	82.8
".....	33.	7.11	6.5	20	41.90	1676	23.87	955	4.19	83.8

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 8½ IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Box.....	33.	8.	6.	20	39.60	1584	25.25	1010	3.96	79.2
"	33.	8.1	6.7	20	43.90	1756	22.78	911	4.39	87.8
"	33.	8.5	6.8	20	46.62	1865	21.44	858	4.66	93.2
"	33.2	7.10	7.	25	45.47	1819	27.48	1099	3.68	73.6
"	33.3¼	8.3¼	6.4	30	43.60	1744	34.40	1376	2.90	58.
"	33.4	7.10	6.5	20	41.87	1675	23.88	955	4.19	83.8
"	33.4	7.11¼	6.5¼	25	42.80	1712	29.21	848	3.42	68.4
"	33.4	8.2½	7.	25	47.87	1915	26.11	1044	3.83	76.6
"	33.4	8.3	7.6	20	51.55	2062	19.40	776	5.15	103.
"	33.4	8.3	6.7½	20	45.55	1822	21.41	856	4.67	93.4
"	33.4¼	7.10	6.1¼	20	39.87	1595	25.08	1003	3.99	79.8
"	33.4¼	8.0¼	6.	20	40.12	1605	24.92	997	4.01	80.2
"	33.5	7.11	6.6	20	42.97	1719	23.26	930	4.30	86.
"	33.5	7.11	6.9¼	15	44.75	1791	16.75	670	5.97	119.4
"	33.5	7.11½	7.11	30	52.62	2105	28.50	1140	3.51	70.2
"	33.5	8.	6.9	25	45.12	1806	27.70	1108	3.61	72.2
"	33.5	8.2½	6.10	20	46.85	1874	21.34	854	4.69	93.8
"	33.5	8.3	6.10	20	47.10	1884	21.23	849	4.71	94.2
"	33.5¼	7.11¼	6.7¼	20	43.80	1752	22.77	911	4.39	87.8
"	33.5½	8.	6.5	20	42.90	1716	23.31	932	4.29	85.8
"	33.5½	8.2½	6.10¼	20	47.05	1882	21.26	850	4.70	94.
"	33.5½	8.2½	6.10¼	25	47.05	1882	26.57	1063	3.76	75.2
"	33.5½	8.5½	7.	20	49.52	1981	20.19	808	4.95	99.
"	33.6	7.10	6.4	20	41.55	1662	24.07	963	4.15	83.
"	33.6	7.10¼	6.0¼	20	39.87	1595	25.07	1003	3.99	79.8
"	33.6	8.	6.	20	40.20	1608	24.88	995	4.02	80.4
"	33.6	8.	7.4	20	49.12	1965	20.36	814	4.79	95.8
"	33.6	8.2½	6.10¼	20	47.12	1885	21.22	849	4.71	94.2
"	33.6	8.2½	6.10½	25	47.25	1890	26.46	1058	3.78	75.6
"	33.6½	7.6¼	6.4½	20	40.30	1612	24.81	992	4.03	80.6
"	33.7	8.	6.4	12	42.55	1702	14.10	564	7.09	141.8
"	33.7	8.1	6.6	25	44.12	1765	28.33	1133	3.53	70.6
"	33.7½	8.	6.3	20	42.02	1681	23.79	952	4.20	84.
"	33.10¼	8.3¼	6.10¼	20	50.25	2010	19.90	796	5.03	100.6

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 8½ IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Box.	33.10¼	8.3¼	6.10¼	30	50.25	2010	29.85	1194	3.35	67.
"	34.	7.10	6.9¾	25	45.35	1814	27.56	1102	3.63	72.6
"	34.	8.	6.	20	40.85	1632	24.51	980	4.08	81.6
"	34.	8.	7.	20	47.60	1904	21.01	840	4.76	95.2
"	34.	8.0¼	7.4	25	50.	2000	25.	1000	4.	80.
"	34.	8.5¼	6.10¼	20	49.15	1966	20.35	814	4.91	98.2
"	34.	8.6	6.8	25	48.17	1927	25.93	1037	3.86	77.2
"	34.	8.11	6.10	25	51.80	2072	24.13	965	4.14	82.8
"	34.1	8.2¼	6.9¾	25	47.52	1901	26.30	1052	3.80	76.
"	34.7	8.1	6.	25	41.92	1677	29.82	1193	3.35	67.
"	38.	8.6½	8.8½	20	70.67	2827	21.29	852	4.70	94.
Combination	27.	8.1	6.9	20	36.82	1473	27.21	1088	3.67	73.4
"	27.5½	8.2½	6.10	15	38.50	1540	19.48	779	5.18	103.6
"	27.5½	8.2½	6.10¼	15	38.62	1545	19.42	777	5.15	103.
"	27.5½	8.2½	6.10¼	20	38.62	1545	25.88	1035	3.86	77.2
"	27.7	8.1	6.	15	33.45	1338	22.42	897	4.46	89.2
"	27.7	8.1	6.6	15	37.67	1507	19.91	796	5.02	100.4
"	27.7	8.1	6.6	20	37.67	1507	26.61	1064	3.76	75.2
"	31.4	7.7	6.1½	14	36.37	1455	18.55	742	5.39	107.8
"	33.5	8.	6.9	25	45.12	1805	27.70	1108	3.61	72.2
Stock	26.9	8.3	6.6	12	35.85	1434	16.74	670	5.97	119.4
"	27.4	7.5	6.2	12	31.25	1250	19.20	768	5.21	104.2
"	27.4	7.10	6.2	15	33.	1320	22.72	909	4.40	88.
"	27.4	8.1	6.8	14	36.75	1473	19.35	774	5.11	102.2
"	27.4	8.1	6.8	15	36.75	1473	20.36	815	4.91	98.2
"	27.5	7.7	5.10	10	30.32	1213	16.49	660	6.06	121.2
"	27.6	8.3	6.6	12½	36.87	1475	16.95	678	5.89	117.8
"	27.7	8.2	6.9	15	38.	1520	19.73	789	5.06	101.2
"	27.7	8.6	6.9	15	39.55	1582	18.96	758	5.27	105.4
"	27.8	8.3	6.8	15	38.05	1522	19.71	788	5.07	101.4
"	27.9	8.3	6.8	15	38.17	1527	19.64	786	5.09	101.8
"	27.10	8.2	6.8	14	37.77	1511	18.53	741	5.40	108.
"	27.11	8.7	6.2	12½	36.95	1478	16.91	556	5.91	118.2

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 8½ IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Stock.....	28.	8.2	6.4	15	36.05	1442	20.80	802	4.81	96.2
"	28.	8.2	6.8	15	38.10	1524	19.68	787	5.08	101.6
"	28.	8.3	6.3	15	36.	1444	20.78	831	4.81	96.2
"	28.	8.3	6.4	12½	36.57	1463	17.09	684	5.85	117.
"	28.	8.3	6.4	15	36.57	1463	21.19	848	4.72	94.4
"	23.	8.3	7.	20	40.42	1617	24.74	987	4.04	80.8
"	28.	8.4	6.4	12½	36.95	1478	16.92	677	5.91	118.2
"	28.	8.4	6.4	15	36.95	1478	20.30	812	4.95	99.
"	28.	8.4	6.5	15	37.47	1497	20.04	802	4.99	99.8
"	28.	8.5	6.5	15	37.80	1512	19.84	794	5.04	100.8
"	28.2	8.4	6.1	12½	35.70	1428	17.51	700	5.71	114.2
"	28.4	8.	5.11¼	15	33.65	1346	22.29	892	4.49	89.8
"	28.5¼	8.5	6.4¼	15	38.05	1522	19.72	769	5.08	101.6
"	29.	8.	5.11	15	31.32	1373	21.85	874	4.58	91.6
"	29.	8.1	6.4	10	37.15	1486	13.46	538	7.43	148.6
"	29.	8.1	6.9	10	39.55	1582	12.64	506	7.89	157.8
"	29.	8.1	6.9	12½	39.55	1582	15.80	632	6.33	126.6
"	29.	8.3	6.4	15	37.87	1515	19.80	792	5.05	101.
"	29.	8.3	6.6	10	38.87	1555	12.89	516	7.76	155.2
"	29.	8.3	6.6	12½	38.87	1555	16.08	643	6.22	124.4
"	29.	8.3	6.7	10	39.37	1575	12.70	508	7.87	157.4
"	29.	8.3	6.7	15	39.37	1575	19.68	787	5.08	101.6
"	29.	8.4	6.4	10	38.27	1531	13.06	522	7.66	153.2
"	29.	8.4	6.4	12½	38.27	1531	16.33	653	6.12	122.4
"	29.4	8.4	6.6	15	39.72	1589	18.94	758	5.28	105.6
"	29.4	8.4	6.6	20	39.72	1589	25.17	1007	3.97	79.4
"	29.6	8.3	7.1½	15	43.35	1734	17.30	592	5.78	115.6
" Rack.....	29.6	7.9	6.9	15	38.60	1544	19.43	777	5.15	103.
"	29.6	8.7	6.10	15	43.25	1730	17.34	694	5.77	115.4
"	29.6	8.8	6.10	20	43.67	1747	22.90	916	4.37	87.4
"	29.7	8.6	6.6	12½	40.85	1634	15.30	612	6.54	130.8
"	29.9	7.10	6.8	15	38.85	1554	19.37	575	5.16	103.2
"	29.9	8.7½	6.8	20	42.77	1711	23.38	935	4.28	85.6
"	29.10	7.10	6.4	15	37.	1480	20.27	811	4.93	98.6

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 8½ IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Stock	29.10	8.1	6.8	15	40.20	1608	18.66	746	5.36	107.2
"	29.10	8.1	6.8	20	40.20	1608	24.88	995	4.02	80.4
"	29.10	8.2	6.8	14	40.60	1624	17.86	714	5.60	112.
"	29.10	8.4	6.9	15	41.95	1678	17.88	715	5.59	111.8
"	29.10	8.4	6.9½	14	42.20	1688	16.59	664	6.03	120.6
"	29.10	8.5	6.6	10	40.80	1632	12.25	490	8.16	163.2
"	29.10	8.5	6.6	12½	40.80	1632	15.44	618	6.48	129.6
"	29.11¼	8.2¼	6.10¼	15	42.	1680	17.86	714	5.60	112.
"	29.11¼	8.2¼	6.10¼	20	42.	1680	23.81	952	4.20	84.
"	30.	7.10	6.4	15	37.20	1488	20.16	806	4.96	99.2
"	30.	8.	6.4	12½	38.	1520	16.45	658	6.08	121.6
"	30.	8.	6.4	15	38.	1520	19.74	790	5.07	101.4
"	30.	8.1	7.4	12	44.45	1778	13.50	540	7.47	149.4
"	30.	8.1	7.4	15	44.45	1778	16.87	675	5.93	118.6
"	30.	8.2	6.8	15	40.82	1633	18.41	736	5.43	108.4
"	30.	8.4	6.9	15	42.17	1687	17.90	716	5.58	111.6
"	30.	8.5	6.5	15	40.50	1620	18.52	741	5.40	108.
"	30.4	8.4	6.6	15	41.07	1643	18.31	732	5.46	109.2
"	30.4	8.4	6.6	20	41.07	1643	24.34	974	4.11	82.2
"	30.6	8.6	6.6¾	15	42.52	1701	17.64	706	5.67	113.4
"	31.4	7.7	6.1½	14	38.37	1455	19.24	770	5.19	103.8
"	31.10	8.4	6.9	15	44.77	1791	16.75	670	5.97	119.4
"	32.	8.1	6.7	20	42.55	1702	23.50	940	4.26	85.2
"	32.4	8.6	6.7	20	45.22	1809	22.11	884	4.52	90.4
"	32.6	7.11½	6.6½	20	42.30	1692	23.64	946	4.23	84.6
" R	32.9	7.9	6.9	15	42.82	1713	17.51	700	5.71	114.2
"	32.10½	7.10	6.8	14	42.92	1717	16.31	652	6.13	122.6
"	32.10½	7.10	6.8	20	42.92	1717	23.30	932	4.29	85.8
"	33.	8.	6.	20	39.60	1584	25.25	1010	3.96	79.2
"	33.	8.4	6.7	20	45.25	1810	22.10	884	4.52	90.4
"	33.	8.6	6.8	20	46.75	1870	21.39	856	4.68	93.6
"	33.	8.9	6.3	20	45.12	1805	22.16	886	4.52	90.4
"	33.4	8.	5.11¼	20	39.57	1583	25.20	1008	3.98	79.6
"	33.4	8.3	6.10½	20	47.25	1890	21.15	846	4.73	94.6

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 8½ IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Stock.....	33.4	8.3	7.0¼	20	48.27	1931	20.71	828	4.83	96.6
"	33.4	8.4	6.4	20	43.97	1759	22.74	910	4.40	88.
"	33.4	8.4	6.4¼	20	44.12	1765	22.66	906	4.50	90.
"	33.4	8.4	6.3	20	43.40	1736	23.04	922	4.34	86.8
"	33.5	8.4	6.11½	25	48.45	1938	25.08	1003	3.99	79.8
"	33.5¼	8.6	6.7¼	20	47.22	1889	21.18	847	4.72	94.4
"	33.5½	8.2½	6.10¼	20	47.05	1882	21.25	850	4.70	94.
"	33.6	8.3¼	6.9½	14	47.05	1882	14.35	574	6.97	139.4
"	33.10	8.4	6.10	20	48.17	1927	20.75	830	4.82	96.4
" DD.....	33.10	8.4	7.0½	20	49.87	1985	20.15	806	4.96	99.2
" DD.....	33.10	8.7	6.5	20	46.57	1863	21.47	859	4.66	93.2
"	34.	7.11	6.11¼	25	46.67	1867	26.78	1071	3.73	74.6
"	34.	8.1	6.8	20	45.80	1832	21.83	873	4.58	91.6
"	34.	8.4	6.7	12½	46.62	1865	13.41	536	7.46	149.2
"	34.	8.6	7.4	25	52.72	2119	23.60	944	4.24	84.8
"	34.	8.6	7.7½	25	55.10	2204	22.69	908	4.41	88.2
"	34.	8.6½	7.5	25	52.75	2151	23.24	930	4.31	86.2
"	34.1½	8.4	6.7	12½	46.80	1872	13.35	534	7.49	149.8
"	34.2½	8.4	6.7	12½	47.35	1894	12.67	507	7.89	157.8
"	36.	8.6	7.1	15	54.17	2167	13.84	554	7.23	144.6
" DD.....	36.	8.10¼	8.8	25	69.37	2775	18.02	721	5.55	111.
"	49.5	8.9½	7.4	25	79.67	3187	15.69	628	6.37	127.4
Refrigerator.....	21.4	7.11	6.4	20	26.72	1069	37.38	1495	2.69	53.8
"	23.4¼	7.6½	6.6	20	28.67	1147	34.87	1395	2.87	57.4
"	23.4¼	7.9½	6.6	20	29.87	1195	33.47	1339	2.98	59.6
"	26.9	8.3	7.11	20	43.67	1747	22.80	912	4.39	87.8
"	27.	7.8	6.0½	15	31.27	1251	23.90	956	4.18	83.6
"	27.2½	8.2	7.1	20	39.35	1574	25.41	1016	3.94	78.8
"	27.4	8.1	6.8	20	36.82	1473	27.16	1086	3.68	73.6
"	28.0¼	7.9¾	6.10¼	20	37.35	1494	26.77	1071	3.74	74.8
"	28.2	7.10	6.3	20	34.47	1379	29.01	1160	3.45	69.
"	28.4	8.	6.6	20	36.82	1473	27.16	1086	3.68	73.6
"	28.6	8.4	7.9	20	46.02	1841	21.73	869	4.60	92.
"	29.	8.2½	6.7	20	39.17	1567	25.53	1021	3.92	78.4

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 8½ IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons. Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Refrigerator.....	29.4	8.	7.5	20	43.50	1740	22.99	920	4.35	87.
“	29.4½	8.3	7.	25	42.40	1696	29.48	1179	3.89	67.8
“	29.6	7.10	6.3¼	20	36.07	1443	27.72	1109	3.61	72.2
“	29.6	8.3	6.8	25	40.55	1622	30.83	1233	3.25	65.
“	30.	7.10	5.9	20	33.77	1351	29.61	1184	3.38	67.6
“	30.	7.10½	5.10½	20	34.70	1388	28.82	1153	3.47	69.4
“	30.0¼	7.10	5.9	20	33.80	1352	29.59	1184	3.37	67.4
“	31.2¾	7.11	6.	20	37.	1482	26.99	1080	3.70	74.
“	31.3	7.11	6.	20	37.10	1484	26.96	1078	3.71	74.2
“	31.10½	8.3¼	5.11¼	20	39.47	1579	25.33	1013	3.95	79.
“	32.3½	8.1	6.8½	20	43.77	1751	22.84	914	4.38	87.6
“	32.4	7.3	6.3	20	39.52	1581	25.30	1012	3.95	79.
“	32.10	8.1½	7.6	20	50.02	2001	19.99	800	5.	100.
“	33.	8.1	7.3	20	48.35	1934	20.68	827	4.84	96.8
“	33.	8.3	7.8	25	52.17	2087	23.95	958	4.18	83.6
“	33.3¼	8.3¼	7.9¼	20	53.75	2150	18.60	744	5.37	107.4
“	33.3¼	8.3½	7.9¾	20	53.87	2155	18.56	724	5.39	107.8
“	33.6	8.	6.	20	40.20	1608	24.88	995	4.02	80.4
Fruit.....	27.5½	8.2½	6.10¼	20	38.62	1545	25.89	1036	3.86	77.2
“ C.F.F.L.	27.7	8.1	6.6	25	36.22	1449	34.50	1380	2.90	58.
“	28.	7.6	6.2	15	32.37	1295	23.17	927	4.33	86.6
“	28.	8.1	6.6	15	39.27	1471	20.39	816	4.90	98.
“	29.	8.	6.6	20	37.70	1508	26.52	1061	3.77	75.4
“ C.F.F.L.	29.7	8.	6.6	25	38.45	1538	32.51	1400	3.08	61.6
“	30.	7.6	6.2	15	34.67	1387	21.63	865	4.62	92.4
“	30.	8.1	6.6	15	37.90	1576	19.04	762	5.25	105
“	32.2½	7.10½	6.7¼	20	41.87	1675	23.88	955	4.19	83.8
“	33.2	7.5	6.4	20	38.95	1558	25.67	1027	3.90	78.
Baggage Fruit.....	33.5½	8.2½	6.9	15	46.35	1854	16.18	647	6.18	123.6
Fruit.....	33.6	8.0¾	6.9	20	45.50	1820	21.98	879	4.55	91.
Baggage Fruit.....	33.7	8.1	6.6	25	44.12	1765	28.33	1133	3.53	70.6
C.F.F.L.....	33.7	8.1	6.6	25	44.12	1765	28.33	1133	3.53	70.6
“	33.7	8.3	6.6	25	45.02	1801	27.76	1110	3.60	72.
Baggage Fruit.....	33.7	8.3	6.6	25	45.02	1801	27.76	1110	3.60	72.

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 8½ IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Fruit.....	33.7	8.3	6.6	25	45.02	1801	27.76	1110	3.60	72.
"	35.4	8.4	6.7½	25	48.75	1951	25.63	1025	3.90	78.
Furniture	32.8	8.2½	9.3	20	55.27	2211	18.09	724	5.52	110.4
"	33.5½	8.5½	8.	20	56.60	2264	17.67	687	5.66	113.2
"	33.6	7.10	8.5¾	20	55.65	2226	17.97	719	5.56	111.2
"	37.1	8.	8.9	20	64.90	2596	15.41	616	6.49	129.8
"	37.2½	8.3	7.11½	25	61.07	2443	20.47	819	4.89	97.8
"	37.5¾	8.5¾	8.8½	20	68.97	2757	14.50	580	6.90	138.
"	37.5¾	8.3¾	7.11	25	61.65	2466	20.27	811	4.93	98.6
"	37.6	8.	8.6	20	63.75	2550	15.69	628	6.37	127.4
"	37.6	8.6	8.	20	63.75	2550	15.69	628	6.37	127.4
"	37.6½	8.0¾	8.5¾	20	63.82	2553	15.67	627	6.38	127.6
"	37.5½	8.5½	8.5¾	20	67.17	2687	14.89	595	6.72	134.4
"	37.9	8.3	8.8½	20	67.80	2712	14.75	590	6.78	135.6
"	39.	8.	8.10	20	68.90	2756	14.52	581	6.89	137.8
"	39.2	8.1½	8.6	30	67.62	2705	21.77	871	4.59	91.8
"	39.5	8.2	8.9	25	71.75	2817	17.75	710	5.63	112.6
"	39.5½	8.5½	8.	25	66.77	2671	18.72	749	5.35	107.
"	39.5½	8.5½	8.	20	66.77	2671	14.98	599	6.68	133.6
"	39.5½	8.5½	8.9	25	73.	2920	17.12	685	5.84	116.8
"	39.6	8.6	8.	20	67.12	2685	14.90	596	6.72	134.4
"	41.5	8.5	9.	25	78.42	3137	15.94	638	6.27	125.4
"	42.	8.10	10.	20	92.50	3710	10.78	431	9.28	185.6
Buggy, S.U.....	34.	8.2	8.10	20	61.32	2453	16.30	652	6.13	122.6
" K.D.	34.	8.2½	6.9	25	47.10	1884	26.54	1062	3.73	74.6
" "	34.	8.4	7.	25	49.57	1983	25.21	1008	3.97	79.4
"	38.	8.5	8.	25	62.97	2559	19.54	782	5.12	102.4
"	39.2	8.8	8.6	20	72.12	2885	13.86	554	7.22	144.4
Beer.	33.2	7.5	6.4	20	38.97	1559	25.64	1026	3.90	78.
Hay.....	28.	8.0¾	7.4	14	41.37	1655	16.92	677	5.91	118.
"	33.4	8.	5.11	20	39.45	1578	25.35	1014	3.94	78.8
"	39.10	8.4½	6.10¾	20	57.17	2287	17.49	700	5.72	114.4
"	40.	8.6	7.6	15	63.75	2550	11.76	468	8.50	170.

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 8½ IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Lumber	29.4	7.7	6.3	14	34.75	1390	20.14	856	4.97	99.4
"	33.	7.5½	6.8½	20	41.15	1646	24.30	972	4.11	82.2
"	33.4	7.7	6.3	20	39.50	1580	25.32	1013	3.95	79.
"	33.4	8.	5.11	20	39.45	1578	25.35	1014	3.94	78.8
"	33.5	8.6	7.6	30	53.25	2130	28.17	1127	3.55	71.
"	33.5	8.6	8.	30	56.80	2272	26.41	1056	3.79	75.8
Gondola, 4 wheel, H.	17.3	6.7	2.6	10	7.10	284	70.42	2817	1.42	28.4
"	19.10	7.7	1.	20	3.75	150	266.67	10667	.37	7.4
"	19.10	8.3	1.	20	4.07	163	245.40	9816	.41	8.2
"	22.	6.7	1.8	10	6.02	241	124.48	4979	.80	16.
" H.	23.6	8.1	3.8	25	17.42	697	71.74	2870	1.39	27.8
" "	25.	7.7	3.	20	14.22	569	70.30	2812	1.42	28.4
" "	25.	8.	3.8	25	18.32	733	68.21	2728	1.48	29.6
" "	25.6	7.6	4.	25	19.14	765	65.36	2614	1.53	30.6
" "	25.6	7.7	4.4	30	20.95	838	71.65	2866	1.40	28.
" "	27.	7.6	3.	20	15.17	607	65.90	2736	1.52	30.4
"	27.11	8.1	2.7	20	14.57	583	68.61	2744	1.46	29.2
"	28.	8.	2.7	20	14.47	579	69.08	2765	1.45	29.
"	28.6	7.8	1.6	12	8.05	322	74.53	2981	1.34	26.8
"	29.10	8.3	1.	20	6.17	247	162.35	6494	.62	12.4
"	30.	7.4½	2.11½	15	16.37	655	45.80	1832	2.18	83.6
"	30.	7.7	.9	12	4.27	171	140.35	5614	.71	14.2
"	30.	8.6	1.	12	6.37	255	94.12	3765	1.06	21.2
"	30.	8.6	1.	15	6.37	255	117.65	4706	.85	17.
" D.B.	30.5	8.5	2.2	20	13.87	555	72.07	2883	1.39	27.8
"	30.9	8.2	2.6	20	15.53	628	63.66	2546	1.57	31.4
"	31.2	7.6	3.	25	17.52	701	71.33	2853	1.40	28.
" D.B.	31.4	7.6	3.	25	17.62	705	70.92	2837	1.41	28.2
"	31.11	8.	2.9	20	17.55	702	59.54	2382	1.68	33.6
"	32.	7.6	1.	15	6.00	240	125.	5000	.80	16.
"	32.	7.10½	3.	30	18.90	756	79.36	3174	1.26	25.2
" D.B.	32.	8	3.4	30	21.32	853	70.34	2814	1.42	28.4
"	33.	7.9	2.6	20	15.97	639	62.60	2504	1.60	32.
"	33.	8.	2.6	25	16.50	660	75.76	3030	1.32	26.4

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 8½ IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Gondola, D.B.	33.	8.	2.9	25	18.15	726	68.87	2755	1.45	29..
"	33.	8.5	3.	30	20.82	833	72.03	2881	1.39	27.8
"	33.4	7.4½	2.11½	20	18.17	727	55.02	2201	1.82	36.4
"	33.4	7.7	2.11½	20	18.70	748	53.47	2139	1.87	37.4
" H.	34.	7.4½	3.	25	18.80	752	69.49	2780	1.44	28.8
"	34.	7.7	3.6	25	22.55	902	55.43	2217	1.80	36.
" H.	34.	7.10	3.	30	19.97	799	75.09	3104	1.33	26.6
" D.B.	34.	8.	3.	25	20.40	816	61.27	2451	1.63	32.6
Coal, D	11.	6.	5.2	6	8.52	341	35.19	1408	2.81	56.2
" "	14.	6.	5.2	10	10.85	434	46.08	1843	2.17	43.4
"	14.	6.	5.2	6	10.85	434	27.65	1106	3.62	72.4
" H	14.	6.	5.2	10	10.85	434	46.08	1843	2.17	43.4
" 4 wheel.	16.5	6.3¼	5.1	11	13.75	523	42.07	1683	2.38	47.6
"	26.	8.2	2.	15	10.62	425	70.59	2824	1.42	28.4
" D	26.4½	7.10	5.9	30	29.70	1188	50.50	2020	1.90	38.
"	26.6	8.1	2.8	20	14.25	571	70.05	2802	1.43	28.6
"	26.7	7.7½	1.10	15	9.27	371	80.86	3234	1.23	24.6
"	26.7	8.2	1.10	12	9.95	398	60.30	2412	1.66	33.2
"	26.8	8.2	2.4	16	12.70	508	62.99	2520	1.59	31.8
"	27.3	7.8	2.0½	18	16.75	427	84.31	3373	1.19	23.8
"	27.3	7.8	3.	20	15.60	627	63.80	2552	1.57	31.4
"	27.6	8.	2.6	15	13.75	550	54.55	2182	1.83	36.6
"	27.6	8.1	2.10	20	15.70	628	63.69	2548	1.57	31.4
"	28.	8.6	1.8	16	9.92	397	80.60	3224	1.24	24.8
"	28.2	8.2	2.6	18	14.37	575	62.61	2505	1.60	32.
"	28.4½	8.1	2.9	20	15.77	631	64.98	2599	1.54	30.8
"	28.6	8.1	2.9	20	15.85	634	63.09	2524	1.59	31.8
"	28.6	8.2	2.6	20	14.55	582	68.73	2749	1.45	29.
"	28.6	8.3	2.6	15	14.70	588	51.02	2041	1.96	39.2
"	29.	7.6	2.6	20	13.60	544	73.53	2941	1.36	27.2
"	30.	7.10	2.4	20	13.70	548	72.99	2920	1.37	27.4
"	31.	7.11	2.4	20	14.32	573	69.81	2860	1.43	28.6
"	31.2	8.3	3.6	20	22.50	900	44.44	1777	2.25	45.
"	31.4½	8.1	3.	20	19.02	761	57.06	2282	1.75	35.

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 8½ IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Coal	31.6	8.	3.	20	18.90	756	52.91	2116	1.89	37.8
"	31.7	8.1	2.9	20	17.55	702	56.98	2279	1.76	35.2
"	32.3	7.10½	3.	25	19.05	762	65.62	2625	1.52	30.4
"	32.6	8.	3.5¾	25	22.62	905	55.25	2210	1.81	36.2
"	32.6	8.6	3.	20	20.72	829	48.25	1930	2.08	41.6
"	32.6½	8.0½	2.6	25	16.35	654	76.45	3058	1.31	26.2
"	32.7½	8.2	2.9	20	18.32	733	54.57	2183	1.83	36.6
"	32.9½	8.1	2.9	20	18.22	729	54.87	2195	1.82	36.4
"	33.	8.5	3.	20	20.82	833	48.02	1921	2.08	41.6
"	34.	7.7	2.9½	20	18.	720	55.55	2222	1.80	36.
"	34.	8.5	3.	25	21.45	858	58.29	2332	1.72	34.4
"	34.7	8.2	2.6	20	17.62	706	56.65	2266	1.77	25.4
Charcoal	29.4	7.7	6.1½	14	34.05	1362	20.56	822	4.86	97.2
"	31.4	7.7	6.1½	14	36.37	1455	19.24	770	5.20	104.
"	32.6	7.6	8.6	13	51.80	2072	12.55	502	7.97	159.4
"	32.7	7.6	6.9	14	41.25	1650	16.97	679	5.89	117.8
"	32.7½	7.10½	8.10	20	56.72	2269	17.63	695	5.67	111.4
"	33.4	7.7	6.3	20	39.50	1580	25.32	1013	3.95	79.
Platform	27.	7.6	1.	15	5.05	202	148.42	4937	.67	13.4
"	27.9	8.5	1.	10	8.10	234	89.74	3590	1.11	22.2
"	28.	7.11	1.	10	5.55	222	90.09	3604	1.11	22.2
"	28.	8.	1.	12	5.60	224	107.14	4286	.93	18.6
"	28.	8.1	1.	15	5.67	227	132.16	5286	.76	15.2
"	28.	8.1	1.	16	5.67	227	140.97	5639	.71	14.2
"	28.	8.1	1.	20	5.67	227	176.22	6949	.57	11.4
"	28.	8.2	1.	15	5.72	229	131.	5240	.76	15.2
"	28.	8.3	1.	15	5.77	231	129.87	5195	.77	15.4
"	28.	8.3	1.	20	5.77	231	173.16	6926	.58	11.6
"	28.	8.4	1.	12	5.82	233	103.	4120	.97	19.4
"	28.	8.4	1.	15	5.82	233	128.76	5150	.78	15.6
"	28.	8.6	1.	12	5.95	238	100.84	4034	.99	19.8
"	28.	8.6	1.	15	5.95	238	126.05	5042	.79	15.8
"	28.	9.	1.	10	6.30	252	79.37	3175	1.26	25.2
"	28.6	8.6	1.	10	6.05	242	82.64	3306	1.21	24.2

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 8½ IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Platform	28.6	9.	1.	10	6.40	256	78.12	3125	1.28	25.6
"	28.6	9.2	1.	12½	6.55	262	95.42	3817	1.05	21.
"	29.	8.1	1.	12	5.85	234	102.56	4102	.98	19.6
"	29.	8.6	1.	15	6.15	246	121.95	4878	.82	16.4
"	29.	8.6	1.	20	6.15	246	162.60	6504	.62	12.4
"	29.	8.10	1.	10	6.40	256	78.01	3120	1.28	25.6
"	29.2	8.6	1.	15	6.20	248	120.97	4839	.83	16.6
"	29.2	9.2	1.	10	6.92	267	74.90	2996	1.34	26.8
"	29.3	9.2	1.	10	6.70	268	74.63	2985	1.34	26.8
"	29.4	9.1½	1.	10	6.70	268	74.63	2985	1.34	26.8
"	29.4	9.3	1.	10	6.77	271	73.80	2952	1.36	27.2
"	29.4	9.4	1.	10	6.85	274	72.99	2920	1.37	27.4
"	29.5	9.2	1.	10	6.75	270	74.07	2963	1.33	26.6
"	29.5	9.2½	1.	10	6.77	271	73.80	2952	1.36	27.2
"	29.6	8.6	1.	12	6.25	250	96.	3840	1.04	20.8
"	29.6	9.3	1.	10	6.82	273	73.26	2930	1.37	27.4
"	29.8	9.5	1.	10	6.97	279	71.68	2867	1.40	28.
"	30.	8.	1.	10	6.	240	83.33	3333	1.20	24.
"	30.	8.	1.	12	6.	240	100.	4000	1.	20.
"	30.	8.	1.	13	6.	240	108.33	4333	.92	18.4
"	30.	8.	1.	14	6.	240	116.67	4667	.86	17.2
"	30.	8.2	1.	15	6.12	245	122.45	4898	.82	16.4
"	30.	8.4	1.	10	6.25	250	80.	3200	1.25	25.
"	30.	8.6	1.	10	6.37	255	78.43	3137	1.28	25.6
"	30.	8.6	1.	12	6.37	255	94.12	3765	1.06	21.2
"	30.	8.6	1.	12½	6.37	255	98.04	3922	1.02	20.4
"	30.	8.6	1.	15	6.37	255	117.65	4706	.85	17.
"	30.	8.6	1.	20	6.37	255	156.86	6274	.64	12.8
"	30.	8.9	1.	12½	6.55	262	95.42	3817	1.05	21.
"	30.	8.9	1.	15	6.55	262	114.50	4680	.87	17.4
"	30.	9.	1.	10	6.75	270	74.07	2963	1.35	27.
"	30.	9.6	1.	10	7.12	285	70.18	2807	1.42	28.4
"	30.1	9.6	1.	10	7.15	286	69.93	2797	1.43	28.6
"	30.2	8.3	1.	12	6.22	249	96.38	3855	1.04	20.8

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 8½ IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Platform	30.2	8.3	I.	14	6.22	249	92.66	3606	I.08	21.6
"	30.2	8.6	I.	20	6.40	256	156.25	6250	.64	12.8
"	30.2	8.7	I.	15	6.47	259	115.83	4633	.86	17.2
"	30.2	8.9	I.	12½	6.60	264	94.70	3788	I.06	21.2
"	30.2	9.2	I.	10	6.92	277	72.20	2888	I.38	27.6
"	30.3	8.10	I.	15	6.67	267	112.36	4494	.89	17.8
"	30.4	8.10	I.	15	6.70	268	111.94	4478	.89	17.8
"	30.5	9.1	I.	10	6.90	276	72.46	2898	I.31	26.2
"	30.6	8.4	I.	15	6.35	254	118.11	4724	.85	17.
"	30.6	8.4	I.	20	6.35	254	157.48	6299	.64	12.8
"	30.6	8.6	I.	12½	6.47	259	96.53	3861	I.04	20.8
"	30.6	8.8	I.	20	6.60	264	151.52	6061	.66	13.2
"	30.6	9.	I.	15	6.85	274	109.49	4380	.91	18.2
"	30.6	9.2	I.	10	6.92	279	71.68	2867	I.40	28.
"	30.7	9.3	I.	10	7.07	283	70.67	2827	I.42	28.4
"	32.	8.	I.	15	6.40	256	117.38	4695	.85	17.
"	32.	8.6	I.	15	6.80	272	110.29	4412	.91	18.2
"	32.6	8.6	I.	15	6.90	276	108.70	4348	.92	18.4
"	32.6	8.6	I.	20	6.90	276	144.96	5798	.69	13.8
"	33.	7.9	I.	15	6.37	255	117.65	4706	.85	17.
"	33.	8.	I.	14	6.60	264	106.06	4242	.94	18.8
"	33.	8.	I.	15	6.60	264	113.64	4546	.88	17.6
"	33.	8.	I.	20	6.60	264	151.52	6061	.66	13.2
"	33.	8.4	I.	15	6.87	275	109.09	4364	.92	18.4
"	33.	8.4	I.	20	6.87	275	142.91	5716	.70	14.
"	33.	8.5	I.	20	6.95	278	143.89	5756	.69	13.8
"	33.	8.6	I.	10	7.02	281	71.17	2847	I.40	28.
"	33.	8.6	I.	12½	7.02	281	88.97	3559	I.12	22.4
"	33.	8.6	I.	15	7.02	281	106.76	4270	.94	18.8
"	33.	8.6	I.	20	7.02	281	142.35	5694	.70	14.
"	33.	9.	I.	12½	7.42	297	84.18	3267	I.19	23.8
"	33.2	8.7	I.	14	7.12	285	98.25	3930	I.02	20.4
"	33.2	8.7	I.	20	7.12	285	140.35	5614	.71	14.2
"	33.4	8.4½	I.	20	6.97	279	143.37	5735	.70	14.

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 8½ IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Platform	33.4	8.6	1.	20	7.07	283	141.34	5654	.71	14.2
"	33.4	8.10	1.	25	7.35	294	170.07	6803	.59	11.8
"	33.5½	8.2½	1.	20	6.87	275	145.45	5818	.69	13.8
"	33.6	8.4	1.	12	6.97	279	86.02	3441	1.15	23.
"	33.6	8.4	1.	15	6.97	279	107.53	4301	.94	18.8
"	33.8	8.	1.	20	6.72	269	148.69	5948	.68	13.6
"	34.	8.	1.	25	6.80	272	183.82	5353	.54	10.8
"	34.	8.1	1.	20	6.87	275	145.45	5818	.69	13.8
"	34.	8.1	1.	25	6.87	275	181.82	7273	.55	11.
"	34.	8.3	1.	20	7.02	281	142.35	5694	.70	14.
"	34.	8.3	1.	25	7.02	281	177.94	7118	.56	11.2
"	34.	8.4	1.	30	7.07	283	212.	8480	.47	9.4
"	34.	8.6	1.	25	7.22	289	173.	4920	.58	11.6
"	34.	8.6	1.	30	7.22	289	207.61	8284	.48	9.6
"	34.	8.6½	1.	25	7.25	290	172.41	6896	.58	11.6
"	34.	8.9	1.	20	7.42	297	134.68	5387	.74	14.8
"	34.	8.9	1.	25	7.42	297	168.35	6734	.54	10.8
"	34.	8.10	1.	25	7.50	300	166.67	6667	.60	12.
"	36.	8.	1.	25	7.20	288	173.61	6944	.58	11.6
"	36.	8.3	1.	25	7.42	297	168.01	6720	.60	12.
"	36.	8.10	1.	25	7.95	318	157.23	6289	.64	12.8
"	36.4	8.	1.	25	7.27	291	171.82	6873	.58	11.6
"	36.4	8.10	1.	25	8.02	321	155.76	6230	.64	12.8
"	40.	8.6	1.	20	8.50	340	117.64	7706	.85	17.
"	40.	8.6	1.	25	8.50	340	147.06	5882	.68	13.6
"	50.	8.6	1.	20	10.62	425	94.12	3765	1.06	21.2
"	50.	8.8	1.	20	18.25	433	92.38	3695	1.08	21.6
Flat, Lime, covered .	10.6	6.	2.9	6	4.32	173	69.36	2774	1.44	28.8
" " open	15.4	5.10	2.2	12	4.85	194	123.71	4948	.81	16.2
" Straw	28.	8.	8.	12	44.80	1792	13.39	536	7.47	149.4
" "	28.	8.	8.	15	44.80	1792	16.74	670	5.97	119.4
" Moline Plow Co	32.6	8.2	9.	15	59.72	2389	12.56	502	7.96	159.2
" " Wagon Co	32.6	8.2	9.	20	59.72	2389	16.74	670	5.97	119.4
" Impl'm't Rack.	32.6	8.2	8.6	15	56.37	2256	13.39	536	7.17	142.4

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 8½ IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Flat Impl'm't Rack.	32.6	8.2	8.6	20	56.40	2256	17.73	709	5.64	112.8
" Rock Is. Plow Co.	32.6	8.2	9.	15	59.72	2389	12.56	502	7.95	159.2
" Buggy & Wagon	32.6	8.2	9.	20	59.72	2389	16.74	670	5.97	119.4
" Barrel Racks...	33.	8.10	10.	15	72.87	2915	10.29	412	9.72	194.4
" Studebaker Co.	33.5	7.11	8.9	20	57.87	2315	17.28	691	5.79	115.8
" Buggy & Wagon	33.5	8.	8.9	20	58.47	2339	17.10	684	5.85	117.

GAUGE, 4 FT. 8¾ IN.

Box.....	29.	7.	6.	15	30.45	1218	24.63	985	4.06	81.2
"	33.2	7.10	7.	25	45.47	1819	27.49	1100	3.64	72.8
Stock....	32.6	8.3	7.6	25	50.27	2011	24.86	994	4.02	80.4
Coke.....	32.	8.	6.6	25	41.60	1664	30.04	1202	3.33	66.6
Gondola.....	27.6	8.	2.6	15	13.75	550	54.54	2172	1.83	36.6
"	32.8	8.	2.9	25	17.97	719	69.54	2782	1.44	28.8
" D.B.....	32.8	8.	2.9	25	17.97	719	69.54	2782	1.44	28.8
Platform.....	27.	7.6	1.	15	5.05	202	148.51	5940	.67	13.4
"	34.	8.6	1.	25	7.22	289	173.01	6920	.58	11.6

GAUGE, 4 FT. 9 IN.

Box.....	27.4	8.	6.4	15	34.62	1385	21.66	866	4.62	92.4
"	27.5¼	7.11¼	5.10¼	13	31.87	1275	20.39	816	4.90	98.
"	27.5¼	7.11¼	5.10¼	15	31.87	1275	23.53	931	4.29	95.8
"	27.5¼	7.11¼	5.10¼	20	31.87	1275	31.36	1254	3.15	63.
"	27.8	7.6	6.	10	31.12	1245	16.06	642	6.23	124.6
"	27.9	7.9	6.11	10	37.20	1488	13.44	538	7.44	148.8
"	27.9	8.10	6.	10	36.78	1471	13.60	544	7.35	147.
"	29.4	7.9	6.2	20	35.05	1402	28.53	1141	3.51	70.2
"	30.	8.4	7.2	10	44.80	1792	11.16	446	8.96	179.2
"	30.1	7.6	6.3	20	35.25	1410	28.37	1135	3.53	70.6
"	30.2	7.9	6.3	20	38.92	1467	27.52	1081	3.63	72.8
"	30.4	8.2	6.7	20	40.77	1631	24.52	981	4.08	81.6
"	30.8¼	8.3¼	6.0¼	10	38.20	1528	13.09	424	7.64	152.8

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 9 IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Box	30.8¼	8 3¼	6.0¼	15	38.20	1528	19.60	785	5.09	101.8
"	30.8¼	8.3¼	6.0¼	20	38.20	1528	26.18	1047	3.82	76.4
"	32.6	8.8	6.8	20	46.95	1878	21.30	852	4.69	93.8
"	33.	7.7	6.7	20	41.17	1647	24.28	971	4.12	82.4
"	33.	8.5	6.4	20	43.95	1759	22.74	910	4.39	87.8
"	33.1	7.8	6.4	20	40.15	1606	24.91	996	4.01	80.2
"	33.2	7.10	6.6	20	42.22	1689	23.67	947	4.22	84.4
"	33.5	7.11	6.9	20	44.65	1689	22.45	898	4.45	89.
"	33.10¼	8.1¼	7.	25	48.02	1921	26.03	1041	3.84	76.8
"	33.10¼	8.1¼	7.	30	48.02	1921	31.23	1249	3.20	64.
"	33.10¼	8.3¼	6.10¼	20	47.97	1919	20.84	834	4.80	96.
"	33.10¼	8.3¼	6.10¼	30	47.97	1919	31.27	1251	3.20	64.
"	33.10¼	8.4¼	7.4	20	51.85	2074	19.10	764	5.23	104.6
"	33.10¼	8.4¼	7.4	25	51.85	2074	23.88	955	4.14	82.8
"	34.	7.7	6.7	25	42.42	1697	29.46	1178	3.39	67.8
"	34.	8.2	6.7	25	45.70	1828	27.35	1094	3.66	73.2
"	34.	8.2½	6.7	25	45.92	1837	27.22	889	3.67	73.4
"	34.	8.4	6.9	20	47.80	1912	20.92	837	4.78	95.6
"	34.	8.5	7.	20	50.07	2003	19.97	799	5.01	100.2
"	34.	8.5	7.	30	50.07	2003	29.95	1198	3.34	66.8
"	34.	8.5	7.1	20	50.67	2026	19.74	790	5.07	101.4
"	34.	8.6	6.8	25	44.15	1926	25.95	1038	3.85	77.
"	34.1	8.2¼	6.9¼	25	47.52	1901	26.30	1052	3.80	76.
"	34.1	8.3	6.7	25	46.27	1851	27.01	1080	3.70	74.
"	34.2	8.1	6.7	25	45.45	1818	27.50	1100	3.64	72.8
"	34.2	8.3	6.2	20	43.45	1738	23.01	920	4.35	87.
"	34.2	8.3	6.7	20	46.40	1856	21.55	862	4.64	92.8
"	34.2	8.3	6.7	25	46.40	1856	26.94	1078	3.71	74.2
"	34.2	8.3	6.7	30	46.40	1856	32.33	1293	3.01	60.2
"	34.2	8.3	6.9	25	47.57	1903	26.14	1046	3.83	76.6
"	34.6	8.3	6.7	30	46.85	1874	32.02	1281	3.12	62.4
"	34.6	8.3	6.8	25	47.42	1897	26.36	1054	3.79	75.8
"	34.7	8.	6.7	30	45.45	1822	32.93	1317	3.04	60.8
"	34.7	8.1	6.7	30	46.	1840	32.61	1304	3.07	61.4

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 9 IN.

Kind of Car	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Box.....	34.7	8.3	6.7	25	47.05	1882	26.56	1062	3.76	75.2
"	34.7	8.3	6.9	30	48.15	1926	31.15	1246	3.21	64.2
"	34.7	8.7	7.	30	51.95	2078	28.87	1155	3.46	69.2
"	34.8	8.1	6.7	25	46.12	1845	27.10	1084	3.69	73.8
"	34.8	8.3	6.8	25	47.67	1907	26.22	1049	3.81	76.2
"	34.8	8.3	6.8	30	47.67	1907	31.46	1258	3.18	63.6
"	34.8	8.6	6.2	25	45.27	1817	27.52	1101	3.63	72.6
"	34.9	8.2	6.10	30	48.47	1939	30.94	1238	3.23	64.6
"	36.	7.9	6.10	30	47.65	1906	31.48	1259	3.18	63.6
"	36.	8.3	6.7	30	48.87	1955	30.69	1228	3.26	65.2
"	36.3	7.9	6.10	30	48.	1920	31.25	1250	3.20	64.
Stock	27.5¼	8.5¼	6.9	13	39.05	1562	16.01	640	6.25	125.
"	27.5¼	8.5¼	6.9	14	39.05	1562	17.93	717	5.58	111.6
"	27.5¼	8.5¼	6.9	15	39.05	1562	19.21	768	5.21	104.2
"	30.	8.3	6.4	20	39.17	1567	25.53	1021	3.82	76.4
"	30.6	8.4	6.5	20	40.77	1631	24.52	981	4.08	81.6
"	31.2	8.3	6.6	15	41.77	1671	17.91	716	5.56	111.4
"	31.11	8.2	7.5½	25	48.60	1944	25.72	1029	3.87	77.8
"	33.	8.3	6.4	20	43.10	1724	23.20	928	4.31	86.2
"	33.7	8.4	7.1	20	49.80	1982	20.18	807	4.96	99.2
"	33.9½	8.9½	7.2	20	53.22	2129	18.79	752	5.32	106.4
"	33.9½	8.9½	7.2	25	53.22	2129	23.49	940	4.25	85.
"	34.	8.5¼	6.10¼	20	49.15	1966	20.35	814	4.91	98.2
"	34.	8.6	8.8	25	62.62	2505	19.96	798	5.01	100.2
"	34.6	8.3	6.4	25	45.07	1803	27.73	1109	3.61	62.2
"	34.6	8.8	6.4	20	47.35	1894	21.12	845	4.73	94.6
"	34.7	8.3	6.8	25	47.55	1902	26.29	1052	3.80	76.
Refrigerator.....	27.5¼	7.11¼	5.8½	20	31.07	1243	32.18	1287	3.11	62.2
"	27.5¼	7.11¼	5.10	20	31.75	1270	31.49	1258	3.18	63.6
"	35.	8.	6.6	25	45.50	1820	27.47	1099	3.64	72.8
Coke, H.	22.	7.4	6.6	10	26.20	1048	19.08	763	5.24	104.8
"	29.6	7.6	6.3	10	34.57	1383	14.46	578	6.91	138.2
"	30.	8.5	6.4	20	39.97	1599	25.02	1001	4.	80.

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 9 IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Coke.....	30.8	8.	5.1	15	31.17	1247	24.86	994	4.02	80.4
"	31.2	8.5	6.4	15	41.52	1661	18.06	722	5.54	110.8
Stone	28.	8.1	2.3	30	12.72	509	117.88	4715	.85	17.
Gondola.....	25.11	7.7	2.10	20	13.92	557	71.80	2872	1.39	27.8
"	26.	7.7	2.10	20	13.97	559	71.56	2862	1.40	28.
"	26.	7.7	3.	20	14.75	591	67.68	2862	1.48	29.6
" H.B.	26.1	7.7	2.6	15	12.35	494	60.73	2429	1.63	32.6
"	26.1	7.7	2.11	20	14.42	577	69.38	2775	1.44	28.8
"	26.2	7.7	2.6	15	12.40	496	60.48	2419	1.65	33.
"	26.2	7.7	2.11	20	14.47	579	69.08	2763	1.45	29.
"	26.2	7.8	2.5	20	12.12	485	82.48	3299	1.21	24.2
"	27.7	7.10	4.8	30	25.20	1008	59.52	2381	1.68	33.6
"	27.10	8.	4.6	30	25.05	1002	59.88	2395	1.67	33.4
"	28.	7.7	3.	20	15.92	637	62.79	2512	1.59	31.8
"	28.	7.7	4.	20	21.22	849	47.11	1884	4.83	96.6
"	28.	7.7	4.	25	21.22	849	59.01	2360	1.69	33.8
"	28.	7.7	4.4	30	23.	920	65.22	2609	1.53	30.6
"	28.	8.	4.5	30	24.72	989	60.67	2427	1.65	33.
"	28.1	7.7	4.	25	21.30	852	58.75	2350	1.70	24.
"	28.2	7.7	3.	20	16.02	641	62.40	2496	1.60	32.
"	28.2	7.7	4.	25	21.35	854	58.55	2342	1.71	34.2
" H.B.	28.2	7.9	4.4	30	23.55	946	63.42	2537	1.58	31.6
"	29.8 $\frac{3}{4}$	8.	2.6	13	14.80	594	45.77	1751	2.21	44.2
"	29.8 $\frac{3}{4}$	8.	2.6	14	14.80	594	47.13	1885	2.12	42.4
"	29.8 $\frac{3}{4}$	8.	2.6	15	14.80	594	50.50	2020	1.98	39.6
"	29.8 $\frac{3}{4}$	8.4	2.6	20	15.47	619	64.62	2585	1.55	31.
"	29.8 $\frac{3}{4}$	8.4	2.6	30	15.47	619	96.93	3877	1.03	20.6
" F.B.	30.	7.8	2.	10	11.50	460	43.48	1739	2.30	46.
"	31.	8.	2.11	20	18.07	723	55.18	2207	1.81	36.2
"	31.6	7.1	2.	15	11.15	446	67.26	2590	1.49	29.8
" H.B.	31.9	7.8	2.6	20	15.22	609	66.45	2668	1.50	30.
"	33.	7.5	2.6	20	15.30	612	65.36	2614	1.53	30.6
" D.B.	33.	7.5	2.6	20	15.30	612	65.36	2614	1.53	30.6
"	33.	8.4	2.6	30	17.17	687	87.34	3394	1.14	22.8

FREIGHT EQUIPMENT.

GAUGE, 4 FT. 9 IN.

Kind of Car.	Inside Dimensions.			Capacity.						
	Length.	Width.	Height.	Tons Weight.	Tons Meas.	Cubic Feet.	Pounds per Cubic Foot.	Pounds per Cubic Ton.	Cubic Feet per 100 lbs.	Cubic Feet per Ton.
Gondola, H.B.	33.7½	7.5	2.6	20	15.57	623	64.21	2568	1.56	31.2
"	34.	7.7	3.6	25	22.55	902	55.43	2217	1.80	36.
"	34.	7.8	2.6	20	16.30	652	61.35	2454	1.63	32.6
"	34.	8.	3.6	25	23.80	952	42.02	1681	2.38	47.6
"	34.1	8.	2.8	20	18.17	727	54.47	2179	1.84	36.8
"	34.2	7.7	3.6	25	22.67	907	55.13	2205	1.81	36.2
"	34.3	7.8	2.7	20	16.95	678	59	2360	1.69	33.8
"	36.3	7.7	3.6	25	24.05	962	51.98	2079	1.92	38.4
"	36.4	7.7	3.6	25	24.10	964	51.97	2075	1.93	38.6
"	36.5	7.7	3.6	25	24.17	967	51.71	2063	1.93	38.6
"	36.6	7.9	3.6	25	24.75	990	50.51	2020	1.98	39.6
Coal, H, 4 wheel....	13.6	6.	4.	8	8.10	324	49.38	1975	2.03	40.6
" " "	13.6	6.	4.7	8	9.27	371	43.13	1725	2.33	46.6
"	26.6	8.	1.9	15	9.27	371	80.86	3234	1.24	24.8
"	26.6	8.	2.	20	16.	424	94.34	3774	1.06	21.2
"	30.6	8.5	3.	20	19.25	770	51.95	2078	1.93	38.6
"	30.11	8.5	3.	20	19.52	781	51.23	2049	1.95	39.
"	31.	8.5	3.	20	19.57	783	51.09	2044	1.96	39.2
"	34.8	8.10	3.4	30	25.52	1021	58.76	2350	1.70	34.
Platform.	15.1	8.5	1.	5	3.17	127	80.31	3212	1.25	25.
"	30.	8.8	1.	15	6.50	260	115.38	4615	.87	17.4
"	30.10	8.8	1.	20	6.67	267	149.81	5992	.67	13.4
"	31.4	8.	1.	10	6.27	251	79.68	3187	1.26	25.2
"	31.4	8.	1.	15	6.27	251	119.52	4781	.84	16.8
"	33.6	8.3½	1.	25	6.95	278	179.81	7192	.56	11.2
"	34.	8.3	1.	10	7.02	281	71.17	2847	1.41	28.2
"	34.	8.3	1.	25	7.02	281	177.94	7118	.56	11.2
"	34.2	8.3	1.	20	7.05	282	141.84	5674	.70	14.
"	34.2	8.3	1.	25	7.05	282	177.30	7092	.57	11.4
"	34.8	9.	1.	20	7.80	312	128.20	5128	.78	15.6
"	35.6	8.6	1.	25	7.55	302	165.63	6625	.60	12.
"	36.	8.3	1.	30	7.42	297	202.02	8081	.49	9.8
"	36.	8.4	1.	20	7.50	300	133.33	5333	.75	15.
"	36.2	8.3	1.	30	7.45	298	201.34	8054	.50	10.

FREIGHT EQUIPMENT.

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FREIGHT EQUIPMENT.

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92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

[illegible]

FREIGHT EQUIPMENT.

	GAUGE,	FT.	IN.
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Mileage of Freight Cars.

In order to avoid the delays which would be incurred by transfer of freight when destined to distant points beyond the terminus of the line receiving it, the initial car or cars are permitted to be taken through to destination for which mileage must be paid.

It has been established by common consent that the mileage for the use of all eight-wheel freight cars has been fixed at three-quarters of a cent per mile run; four-wheel cars being rated at one-half this amount, or three-eighths of a cent per mile.

Trade - Marks.

Webster defines a trade-mark to be "a distinguishing mark or device used by a manufacturer on his goods or labels, the legal right in which is recognized by law."

The substantial recognition of trade-marks by the law, both in this country and in England, is confined to recent years. In 1862, England passed the "Merchandise Marks Act," which rendered it a misdemeanor to forge or counterfeit a trade-mark. Under this Act, the registration holds good for a term of fourteen years, at the expiration of which time renewal is necessary. In this country the laws of different States vary in a marked degree, but the statute of 1870 was the first passed by Congress for the protection of trade-mark ownership. It does not, however, clash with the common law of protection, which is at the service of every individual, independently of the statute. The provisions of the statute of 1870 are that any person or firm located in the United States, or any corporation existing by virtue of the laws of the United States, or of any State, may, upon compliance with the requirements of the Act, obtain ample protection for any lawful trade-mark, to which proper title is shown, for a term of thirty years, with the privilege of renewal at the expiration thereof.

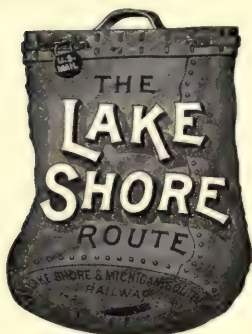
The use of peculiar marks or mottoes, by which railway corporations endeavor to attract public attention to the distinguishing features of their lines, is probably as important to them, in their business, as it is to the manufacturer or tradesman. There is no question as to the present popularity of the trade-mark with railway managers, inasmuch as nearly all the important lines, that is railways having a generous mileage, have adopted designs which are largely used on everything possible that is intended for public distribution. In an address to a body of railway traffic agents, a prominent railway official, commenting on the importance of trade-marks, made use of the following language: "Have a trade-mark and use it. Get the freight department to use it on their thousands of bills of lading and other blanks. Induce the management to put it on your freight cars, and plaster it wherever you can. People will unconsciously learn it, and will recognize it wherever it may be."

On the following pages will be found such railroad trade-marks as were obtainable. Many roads have not, as yet, adopted a trade-mark.

RAILROAD TRADE-MARKS.



RAILROAD TRADE-MARKS.



Ready Freight Calculator.

POUNDS.

—EXPLANATORY.—

The calculations in the following tables are computed from 20¢ to \$100.00 per ton of 2000 pounds, and from 1¢ to \$5.00 inclusive per 100 pounds. The amounts are advanced from 20¢ per ton to \$20.00 per ton at regular advances of 20¢ per ton, and from \$20.00 to \$100.00 per ton at regular advances of \$1.00 per ton; or from 1¢ to \$1.00 per 100 pounds at the advance of 1¢ per 100 pounds, and from \$1.00 to \$5.00 per 100 pounds at the advance of 5¢ per 100 pounds.

In case of a given rate, not contained in any of the tables in one entry, an addition would be necessary. Suppose the rate given was \$88.40 per ton, or \$4.42 per 100 pounds, and the number of pounds were 4700. By reference to the proper table, we find that—

$$\begin{array}{r} 4700 \text{ lbs. @ } \$4.40 = \$206.80 \\ 4700 \text{ lbs. @ } .02 = \underline{.94} \\ \$207.74 \end{array}$$

Should $\frac{1}{2}$ ¢ enter into the calculation and the fixed rate was $42\frac{1}{2}$ ¢ per 100 pounds, and 9300 pounds was the number of pounds on which to find the result, first find 42 at the top of the page and 9300 in the column of pounds; we find the amount to be \$39.06, to which add $\frac{1}{2}$ ¢ for each 100 pounds thus: 9300 pounds, $\frac{1}{2}$ ¢ for each 100 pounds = $46\frac{1}{2}$ ¢, giving the $\frac{1}{2}$ ¢ in favor of the calculation equals 47¢, which, added to \$39.06, equals \$39.53.

If at any time the addition of two numbers is required to make the number of pounds wished, take from the column or columns in which the figures desired occur and add them together. The amounts represented in the columns of dollars and cents, opposite the number of pounds so taken, added together, will give the amount sought. Example: Suppose you wish to ascertain the amount on 735 pounds at 26¢ per 100 pounds. First find 26¢ at the head of the table, then in the fourth column of pounds you will find 730, and in the first column 5, which, added, make 735 pounds, the amount of pounds sought. We then have—

$$\begin{array}{r} 730 \text{ lbs. @ } 26¢ = \$1.90 \\ \underline{5 \text{ lbs. @ } 26¢ = .01} \\ 735 \text{ lbs. @ } 26¢ = \$1.91 \end{array}$$

In every case the fraction of $\frac{1}{2}$ of 1¢ or over is given in favor of the calculation, while the fraction of less than $\frac{1}{2}$ ¢ is dropped. For example:

Suppose you have 485 pounds at \$6.00 per ton or 30¢ per 100 pounds, you have $485 \times 30 = \$1.45\frac{5}{10}$ as a result. The $\frac{1}{2}\text{¢}$ fraction is added, making the amount \$1.46.

These tables will not only be found useful in calculating freight, but are applicable to any article that is sold by weight.

The figures in the upper corners of the following tables represent a rate per ton. The figures in the centre at the top denote the rate per 100 pounds on the basis of the ton rate given.

POUNDS.

2000 POUNDS ONE TON.

\$0.20			1 CENT.			\$0.20		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		—	41		—
10		—	210		0 2	410		0 4
100		0 1	2100		2 1	4100		4 1
2		—	22		—	42		—
20		—	220		0 2	420		0 4
200		0 2	2200		2 2	4200		4 2
3		—	23		—	43		—
30		—	230		0 2	430		0 4
300		0 3	2300		2 3	4300		4 3
4		—	24		—	44		—
40		—	240		0 2	440		0 4
400		0 4	2400		2 4	4400		4 4
5		—	25		—	45		—
50		0 1	250		0 3	450		0 5
500		0 5	2500		2 5	4500		4 5
6		—	26		—	46		—
60		0 1	260		0 3	460		0 5
600		0 6	2600		2 6	4600		4 6
7		—	27		—	47		—
70		0 1	270		0 3	470		0 5
700		0 7	2700		2 7	4700		4 7
8		—	28		—	48		—
80		0 1	280		0 3	480		0 5
800		0 8	2800		2 8	4800		4 8
9		—	29		—	49		—
90		0 1	290		0 3	490		0 5
900		0 9	2900		2 9	4900		4 9
10		—	30		—	50		0 1
100		0 1	300		0 3	500		0 5
1000		1 0	3000		3 0	5000		5 0
11		—	31		—	51		0 1
110		0 1	310		0 3	510		0 5
1100		1 1	3100		3 1	5100		5 1
12		—	32		—	52		0 1
120		0 1	320		0 3	520		0 5
1200		1 2	3200		3 2	5200		5 2
13		—	33		—	53		0 1
130		0 1	330		0 3	530		0 5
1300		1 3	3300		3 3	5300		5 3
14		—	34		—	54		0 1
140		0 1	340		0 3	540		0 5
1400		1 4	3400		3 4	5400		5 4
15		—	35		—	55		0 1
150		0 2	350		0 4	550		0 6
1500		1 5	3500		3 5	5500		5 5
16		—	36		—	56		0 1
160		0 2	360		0 4	560		0 6
1600		1 6	3600		3 6	5600		5 6
17		—	37		—	57		0 1
170		0 2	370		0 4	570		0 6
1700		1 7	3700		3 7	5700		5 7
18		—	38		—	58		0 1
180		0 2	380		0 4	580		0 6
1800		1 8	3800		3 8	5800		5 8
19		—	39		—	59		0 1
190		0 2	390		0 4	590		0 6
1900		1 9	3900		3 9	5900		5 9
20		—	40		—	60		0 1
200		0 2	400		0 4	600		0 6
2000		2 0	4000		4 0	6000		6 0
						61		0 1
						610		0 6
						6100		6 1
						62		0 1
						620		0 6
						6200		6 2
						63		0 1
						630		0 6
						6300		6 3
						64		0 1
						640		0 6
						6400		6 4
						65		0 1
						650		0 7
						6500		6 5
						66		0 1
						660		0 7
						6600		6 6
						67		0 1
						670		0 7
						6700		6 7
						68		0 1
						680		0 7
						6800		6 8
						69		0 1
						690		0 7
						6900		6 9
						70		0 1
						700		0 7
						7000		7 0
						71		0 1
						710		0 7
						7100		7 1
						72		0 1
						720		0 7
						7200		7 2
						73		0 1
						730		0 7
						7300		7 3
						74		0 1
						740		0 7
						7400		7 4
						75		0 1
						750		0 8
						7500		7 5
						76		0 1
						760		0 8
						7600		7 6
						77		0 1
						770		0 8
						7700		7 7
						78		0 1
						780		0 8
						7800		7 8
						79		0 1
						790		0 8
						7900		7 9
						80		0 1
						800		0 8
						8000		8 0
						81		0 1
						810		0 8
						8100		8 1
						82		0 1
						820		0 8
						8200		8 2
						83		0 1
						830		0 8
						8300		8 3
						84		0 1
						840		0 8
						8400		8 4
						85		0 1
						850		0 9
						8500		8 5
						86		0 1
						860		0 9
						8600		8 6
						87		0 1
						870		0 9
						8700		8 7
						88		0 1
						880		0 9
						8800		8 8
						89		0 1
						890		0 9
						8900		8 9
						90		0 1
						900		0 9
						9000		9 0
						91		0 1
						910		0 9
						9100		9 1
						92		0 1
						920		0 9
						9200		9 2
						93		0 1
						930		0 9
						9300		9 3
						94		0 1
						940		0 9
						9400		9 4
						95		0 1
						950		1 0
						9500		9 5
						96		0 1
						960		1 0
						9600		9 6
						97		0 1
						970		1 0
						9700		9 7
						98		0 1
						980		1 0
						9800		9 8
						99		0 1
						990		1 0
						9900		9 9
						100		0 1
						1000		1 0
						10,000		1 0 0

POUNDS.

2000 POUNDS ONE TON.

\$0.40			2 CENTS.			\$0.40								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		—	41		01	61		01	81		02
10		—	210		04	410		08	610		12	810		16
100		02	2100		42	4100		82	6100	I	22	8100	I	62
2		—	22		—	42		01	62		01	82		02
20		—	220		04	420		08	620		12	820		16
200		04	2200		44	4200		84	6200	I	24	8200	I	64
3		—	23		—	43		01	63		01	83		02
30		01	230		05	430		09	630		13	830		17
300		06	2300		46	4300		86	6300	I	26	8300	I	66
4		—	24		—	44		01	64		01	84		02
40		01	240		05	440		09	640		13	840		17
400		08	2400		48	4400		88	6400	I	28	8400	I	68
5		—	25		01	45		01	65		01	85		02
50		01	250		05	450		09	650		13	850		17
500		10	2500		50	4500		90	6500	I	30	8500	I	70
6		—	26		01	46		01	66		01	86		02
60		01	260		05	460		09	660		13	860		17
600		12	2600		52	4600		92	6600	I	32	8600	I	72
7		—	27		01	47		01	67		01	87		02
70		01	270		05	470		09	670		13	870		17
700		14	2700		54	4700		94	6700	I	34	8700	I	74
8		—	28		01	48		01	68		01	88		02
80		02	280		06	480		10	680		14	880		18
800		16	2800		56	4800		96	6800	I	36	8800	I	76
9		—	29		01	49		01	69		01	89		02
90		02	290		06	490		10	690		14	890		18
900		18	2900		58	4900		98	6900	I	38	8900	I	78
10		—	30		01	50		01	70		01	90		02
100		02	300		06	500		10	700		14	900		18
1000		20	3000		60	5000	I	00	7000	I	40	9000	I	80
11		—	31		01	51		01	71		01	91		02
110		02	310		06	510		10	710		14	910		18
1100		22	3100		62	5100	I	02	7100	I	42	9100	I	82
12		—	32		01	52		01	72		01	92		02
120		02	320		06	520		10	720		14	920		18
1200		24	3200		64	5200	I	04	7200	I	44	9200	I	84
13		—	33		01	53		01	73		01	93		02
130		03	330		07	530		11	730		15	930		19
1300		26	3300		66	5300	I	06	7300	I	46	9300	I	86
14		—	34		01	54		01	74		01	94		02
140		03	340		07	540		11	740		15	940		19
1400		28	3400		68	5400	I	08	7400	I	48	9400	I	88
15		—	35		01	55		01	75		02	95		02
150		03	350		07	550		11	750		15	950		19
1500		30	3500		70	5500	I	10	7500	I	50	9500	I	90
16		—	36		01	56		01	76		02	96		02
160		03	360		07	560		11	760		15	960		19
1600		32	3600		72	5600	I	12	7600	I	52	9600	I	92
17		—	37		01	57		01	77		02	97		02
170		03	370		07	570		11	770		15	970		19
1700		34	3700		74	5700	I	14	7700	I	54	9700	I	94
18		—	38		01	58		01	78		02	98		02
180		04	380		08	580		12	780		16	980		20
1800		36	3800		76	5800	I	16	7800	I	56	9800	I	96
19		—	39		01	59		01	79		02	99		02
190		04	390		08	590		12	790		16	990		20
1900		38	3900		78	5900	I	18	7900	I	58	9900	I	98
20		—	40		01	60		01	80		02	100		02
200		04	400		08	600		12	800		16	1000		20
2000		40	4000		80	6000	I	20	8000	I	60	10,000	2	00

2000 POUNDS ONE TON.

\$0.60			3 CENTS.			\$0.60								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1	—	—	21	01	—	41	01	—	61	02	—	81	02	—
10	—	—	210	06	—	410	12	—	610	18	—	810	24	—
100	03	—	2100	63	—	4100	123	—	6100	183	—	8100	243	—
2	—	—	22	01	—	42	01	—	62	02	—	82	02	—
20	01	—	220	07	—	420	13	—	620	19	—	820	25	—
200	06	—	2200	66	—	4200	126	—	6200	186	—	8200	246	—
3	—	—	23	01	—	43	01	—	63	02	—	83	02	—
30	01	—	230	07	—	430	13	—	630	19	—	830	25	—
300	09	—	2300	69	—	4300	129	—	6300	189	—	8300	249	—
4	—	—	24	01	—	44	01	—	64	02	—	84	03	—
40	01	—	240	07	—	440	13	—	640	19	—	840	25	—
400	12	—	2400	72	—	4400	132	—	6400	192	—	8400	252	—
5	—	—	25	01	—	45	01	—	65	02	—	85	03	—
50	02	—	250	08	—	450	14	—	650	20	—	850	26	—
500	15	—	2500	75	—	4500	135	—	6500	195	—	8500	255	—
6	—	—	26	01	—	46	01	—	66	02	—	86	03	—
60	02	—	260	08	—	460	14	—	660	20	—	860	26	—
600	18	—	2600	78	—	4600	138	—	6600	198	—	8600	258	—
7	—	—	27	01	—	47	01	—	67	02	—	87	03	—
70	02	—	270	08	—	470	14	—	670	20	—	870	26	—
700	21	—	2700	81	—	4700	141	—	6700	201	—	8700	261	—
8	—	—	28	01	—	48	01	—	68	02	—	88	03	—
80	02	—	280	08	—	480	14	—	680	20	—	880	26	—
800	24	—	2800	84	—	4800	144	—	6800	204	—	8800	264	—
9	—	—	29	01	—	49	01	—	69	02	—	89	03	—
90	03	—	290	09	—	490	15	—	690	21	—	890	27	—
900	27	—	2900	87	—	4900	147	—	6900	207	—	8900	267	—
10	—	—	30	01	—	50	02	—	70	02	—	90	03	—
100	03	—	300	09	—	500	15	—	700	21	—	900	27	—
1000	30	—	3000	90	—	5000	150	—	7000	210	—	9000	270	—
11	—	—	31	01	—	51	02	—	71	02	—	91	03	—
110	03	—	310	09	—	510	15	—	710	21	—	910	27	—
1100	33	—	3100	93	—	5100	153	—	7100	213	—	9100	273	—
12	—	—	32	01	—	52	02	—	72	02	—	92	03	—
120	04	—	320	10	—	520	16	—	720	22	—	920	28	—
1200	36	—	3200	96	—	5200	156	—	7200	216	—	9200	276	—
13	—	—	33	01	—	53	02	—	73	02	—	93	03	—
130	04	—	330	10	—	530	16	—	730	22	—	930	28	—
1300	39	—	3300	99	—	5300	159	—	7300	219	—	9300	279	—
14	—	—	34	01	—	54	02	—	74	02	—	94	03	—
140	04	—	340	10	—	540	16	—	740	22	—	940	28	—
1400	42	—	3400	102	—	5400	162	—	7400	222	—	9400	282	—
15	—	—	35	01	—	55	02	—	75	02	—	95	03	—
150	05	—	350	11	—	550	17	—	750	23	—	950	29	—
1500	45	—	3500	105	—	5500	165	—	7500	225	—	9500	285	—
16	—	—	36	01	—	56	02	—	76	02	—	96	03	—
160	05	—	360	11	—	560	17	—	760	23	—	960	29	—
1600	48	—	3600	108	—	5600	168	—	7600	228	—	9600	288	—
17	—	—	37	01	—	57	02	—	77	02	—	97	03	—
170	05	—	370	11	—	570	17	—	770	23	—	970	29	—
1700	51	—	3700	111	—	5700	171	—	7700	231	—	9700	291	—
18	—	—	38	01	—	58	02	—	78	02	—	98	03	—
180	05	—	380	11	—	580	17	—	780	23	—	980	29	—
1800	54	—	3800	114	—	5800	174	—	7800	234	—	9800	294	—
19	—	—	39	01	—	59	02	—	79	02	—	99	03	—
190	06	—	390	12	—	590	18	—	790	24	—	990	30	—
1900	57	—	3900	117	—	5900	177	—	7900	237	—	9900	297	—
20	—	—	40	01	—	60	02	—	80	02	—	100	03	—
200	06	—	400	12	—	600	18	—	800	24	—	1000	30	—
2000	60	—	4000	120	—	6000	180	—	8000	240	—	10,000	300	—

POUNDS.

2000 POUNDS ONE TON.

\$0.80

4 CENTS.

\$0.80

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		01	41		02	61		02	81		03
10		—	210		08	410		16	610		24	810		32
100		04	2100		84	4100	I	64	6100	2	44	8100	3	24
2		—	22		01	42		02	62		02	82		03
20		01	220		09	420		17	620		25	820		33
200		08	2200		88	4200	I	68	6200	2	48	8200	3	28
3		—	23		01	43		02	63		03	83		03
30		01	230		09	430		17	630		25	830		33
300		12	2300		92	4300	I	72	6300	2	52	8300	3	32
4		—	24		01	44		02	64		03	84		03
40		02	240		10	440		18	640		26	840		34
400		16	2400		96	4400	I	76	6400	2	56	8400	3	36
5		—	25		01	45		02	65		03	85		03
50		02	250		10	450		18	650		26	850		34
500		20	2500	I	00	4500	I	80	6500	2	60	8500	3	40
6		—	26		01	46		02	66		03	86		03
60		02	260		10	460		18	660		26	860		34
600		24	2600	I	04	4600	I	84	6600	2	64	8600	3	44
7		—	27		01	47		02	67		03	87		03
70		03	270		11	470		19	670		27	870		35
700		28	2700	I	08	4700	I	88	6700	2	68	8700	3	48
8		—	28		01	48		02	68		03	88		04
80		03	280		11	480		19	680		27	880		35
800		32	2800	I	12	4800	I	92	6800	2	72	8800	3	52
9		—	29		01	49		02	69		03	89		04
90		04	290		12	490		20	690		28	890		36
900		36	2900	I	16	4900	I	96	6900	2	76	8900	3	56
10		—	30		01	50		02	70		03	90		04
100		04	300		12	500		20	700		28	900		36
1000		40	3000	I	20	5000	2	00	7000	2	80	9000	3	60
11		—	31		01	51		02	71		03	91		04
110		04	310		12	510		20	710		28	910		36
1100		44	3100	I	24	5100	2	04	7100	2	84	9100	3	64
12		—	32		01	52		02	72		03	92		04
120		05	320		13	520		21	720		29	920		37
1200		48	3200	I	28	5200	2	08	7200	2	88	9200	3	68
13		01	33		01	53		02	73		03	93		04
130		05	330		13	530		21	730		29	930		37
1300		52	3300	I	32	5300	2	12	7300	2	92	9300	3	72
14		01	34		01	54		02	74		03	94		04
140		06	340		14	540		22	740		30	940		38
1400		56	3400	I	36	5400	2	16	7400	2	96	9400	3	76
15		01	35		01	55		02	75		03	95		04
150		06	350		14	550		22	750		30	950		38
1500		60	3500	I	40	5500	2	20	7500	3	00	9500	3	80
16		01	36		01	56		02	76		03	96		04
160		06	360		14	560		22	760		30	960		38
1600		64	3600	I	44	5600	2	24	7600	3	04	9600	3	84
17		01	37		01	57		02	77		03	97		04
170		07	370		15	570		23	770		31	970		39
1700		68	3700	I	48	5700	2	28	7700	3	08	9700	3	88
18		01	38		02	58		02	78		03	98		04
180		07	380		15	580		23	780		31	980		39
1800		72	3800	I	52	5800	2	32	7800	3	12	9800	3	92
19		01	39		02	59		02	79		03	99		04
190		08	390		16	590		24	790		32	990		40
1900		76	3900	I	56	5900	2	36	7900	3	16	9900	3	96
20		01	40		02	60		02	80		03	100		04
200		08	400		16	600		24	800		32	1000		40
2000		80	4000	I	60	6000	2	40	8000	3	20	10,000	4	00

POUNDS.

2000 POUNDS ONE TON.

\$1.00			5 CENTS.									\$1.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		01	41		02	61		03	81		04
10		01	210		11	410		21	610		31	810		41
100		05	2100	I	05	4100	2	05	6100	3	05	8100	4	05
2		—	22		01	42		02	62		03	82		04
20		01	220		11	420		21	620		31	820		41
200		10	2200	I	10	4200	2	10	6200	3	10	8200	4	10
3		—	23		01	43		02	63		03	83		04
30		02	230		12	430		22	630		32	830		42
300		15	2300	I	15	4300	2	15	6300	3	15	8300	4	15
4		—	24		01	44		02	64		03	84		04
40		02	240		12	440		22	640		32	840		42
400		20	2400	I	20	4400	2	20	6400	3	20	8400	4	20
5		—	25		01	45		02	65		03	85		04
50		03	250		13	450		23	650		33	850		43
500		25	2500	I	25	4500	2	25	6500	3	25	8500	4	25
6		—	26		01	46		02	66		03	86		04
60		03	260		13	460		23	660		33	860		43
600		30	2600	I	30	4600	2	30	6600	3	30	8600	4	30
7		—	27		01	47		02	67		03	87		04
70		04	270		14	470		24	670		34	870		44
700		35	2700	I	35	4700	2	35	6700	3	35	8700	4	35
8		—	28		01	48		02	68		03	88		04
80		04	280		14	480		24	680		34	880		44
800		40	2800	I	40	4800	2	40	6800	3	40	8800	4	40
9		—	29		01	49		02	69		04	89		04
90		05	290		15	490		25	690		35	890		45
900		45	2900	I	45	4900	2	45	6900	3	45	8900	4	45
10		01	30		02	50		03	70		04	90		05
100		05	300		15	500		25	700		35	900		45
1000		50	3000	I	50	5000	2	50	7000	3	50	9000	4	50
11		01	31		02	51		03	71		04	91		05
110		06	310		16	510		26	710		36	910		46
1100		55	3100	I	55	5100	2	55	7100	3	55	9100	4	55
12		01	32		02	52		03	72		04	92		05
120		06	320		16	520		26	720		36	920		46
1200		60	3200	I	60	5200	2	60	7200	3	60	9200	4	60
13		01	33		02	53		03	73		04	93		05
130		07	330		17	530		27	730		37	930		47
1300		65	3300	I	65	5300	2	65	7300	3	65	9300	4	65
14		01	34		02	54		03	74		04	94		05
140		07	340		17	540		27	740		37	940		47
1400		70	3400	I	70	5400	2	70	7400	3	70	9400	4	70
15		01	35		02	55		03	75		04	95		05
150		08	350		18	550		28	750		38	950		48
1500		75	3500	I	75	5500	2	75	7500	3	75	9500	4	75
16		01	36		02	56		03	76		04	96		05
160		08	360		18	560		28	760		38	960		48
1600		80	3600	I	80	5600	2	80	7600	3	80	9600	4	80
17		01	37		02	57		03	77		04	97		05
170		09	370		19	570		29	770		39	970		49
1700		85	3700	I	85	5700	2	85	7700	3	85	9700	4	85
18		01	38		02	58		03	78		04	98		05
180		09	380		19	580		29	780		39	980		49
1800		90	3800	I	90	5800	2	90	7800	3	90	9800	4	90
19		01	39		02	59		03	79		04	99		05
190		10	390		20	590		30	790		40	990		50
1900		95	3900	I	95	5900	2	95	7900	3	95	9900	4	95
20		01	40		02	60		03	80		04	100		05
200		10	400		20	600		30	800		40	1000		50
2000	I	00	4000	2	00	6000	3	00	8000	4	00	10,000	5	00

POUNDS.

2000 POUNDS ONE TON.

\$1.20			6 CENTS.			\$1.20								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		01	41		02	61		04	81		05
10		01	210		13	410		25	610		37	810		49
100		06	2100	I	26	4100	2	46	6100	3	66	8100	4	86
2		—	22		01	42		03	62		04	82		05
20		01	220		13	420		25	620		37	820		49
200		12	2200	I	32	4200	2	52	6200	3	72	8200	4	92
3		—	23		01	43		03	63		04	83		05
30		02	230		14	430		26	630		38	830		50
300		18	2300	I	38	4300	2	58	6300	3	78	8300	4	98
4		—	24		01	44		03	64		04	84		05
40		02	240		14	440		26	640		38	840		50
400		24	2400	I	44	4400	2	64	6400	3	84	8400	5	04
5		—	25		02	45		03	65		04	85		05
50		03	250		15	450		27	650		39	850		51
500		30	2500	I	50	4500	2	70	6500	3	90	8500	5	10
6		—	26		02	46		03	66		04	86		05
60		04	260		16	460		28	660		40	860		52
600		36	2600	I	56	4600	2	76	6600	3	96	8600	5	16
7		—	27		02	47		03	67		04	87		05
70		04	270		16	470		28	670		40	870		52
700		42	2700	I	62	4700	2	82	6700	4	02	8700	5	22
8		—	28		02	48		03	68		04	88		05
80		05	280		17	480		29	680		41	880		53
800		48	2800	I	68	4800	2	88	6800	4	08	8800	5	28
9		01	29		02	49		03	69		04	89		05
90		05	290		17	490		29	690		41	890		53
900		54	2900	I	74	4900	2	94	6900	4	14	8900	5	34
10		01	30		02	50		03	70		04	90		05
100		06	300		18	500		30	700		42	900		54
1000		60	3000	I	80	5000	3	00	7000	4	20	9000	5	40
11		01	31		02	51		03	71		04	91		05
110		07	310		19	510		31	710		43	910		55
1100		66	3100	I	86	5100	3	06	7100	4	26	9100	5	46
12		01	32		02	52		03	72		04	92		06
120		07	320		19	520		31	720		43	920		55
1200		72	3200	I	92	5200	3	12	7200	4	32	9200	5	52
13		01	33		02	53		03	73		04	93		06
130		08	330		20	530		32	730		44	930		56
1300		78	3300	I	98	5300	3	18	7300	4	38	9300	5	58
14		01	34		02	54		03	74		04	94		06
140		08	340		20	540		32	740		44	940		56
1400		84	3400	2	04	5400	3	24	7400	4	44	9400	5	64
15		01	35		02	55		03	75		05	95		06
150		09	350		21	550		33	750		45	950		57
1500		90	3500	2	10	5500	3	30	7500	4	50	9500	5	70
16		01	36		02	56		03	76		05	96		06
160		10	360		22	560		34	760		46	960		58
1600		96	3600	2	16	5600	3	36	7600	4	56	9600	5	76
17		01	37		02	57		03	77		05	97		06
170		10	370		22	570		34	770		46	970		58
1700	I	02	3700	2	22	5700	3	42	7700	4	62	9700	5	82
18		01	38		02	58		03	78		05	98		06
180		11	380		23	580		35	780		47	980		59
1800	I	08	3800	2	28	5800	3	48	7800	4	68	9800	5	88
19		01	39		02	59		04	79		05	99		06
190		11	390		23	590		35	790		47	990		59
1900	I	14	3900	2	34	5900	3	54	7900	4	74	9900	5	94
20		01	40		02	60		04	80		05	100		06
200		12	400		24	600		36	800		48	1000		60
2000	I	20	4000	2	40	6000	3	60	8000	4	80	10,000	6	00

POUNDS.

2000 POUNDS ONE TON.

\$1.40			7 CENTS.			\$1.40								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		01	41		03	61		04	81		06
10		01	210		15	410		29	610		43	810		57
100		07	2100	I	47	4100	2	87	6100	4	27	8100	5	67
2		—	22		02	42		03	62		04	82		06
20		01	220		15	420		29	620		43	820		57
200		14	2200	I	54	4200	2	94	6200	4	34	8200	5	74
3		—	23		02	43		03	63		04	83		06
30		02	230		16	430		30	630		44	830		58
300		21	2300	I	61	4300	3	01	6300	4	41	8300	5	81
4		—	24		02	44		03	64		05	84		06
40		03	240		17	440		31	640		45	840		59
400		28	2400	I	68	4400	3	08	6400	4	48	8400	5	88
5		—	25		02	45		03	65		05	85		06
50		04	250		18	450		32	650		46	850		60
500		35	2500	I	75	4500	3	15	6500	4	55	8500	5	95
6		—	26		02	46		03	66		05	86		06
60		04	260		18	460		32	660		46	860		60
600		42	2600	I	82	4600	3	22	6600	4	62	8600	6	02
7		—	27		02	47		03	67		05	87		06
70		05	270		19	470		33	670		47	870		61
700		49	2700	I	89	4700	3	29	6700	4	69	8700	6	09
8		01	28		02	48		03	68		05	88		06
80		06	280		20	480		34	680		48	880		62
800		56	2800	I	96	4800	3	36	6800	4	76	8800	6	16
9		01	29		02	49		03	69		05	89		06
90		06	290		20	490		34	690		48	890		62
900		63	2900	2	03	4900	3	43	6900	4	83	8900	6	23
10		01	30		02	50		04	70		05	90		06
100		07	300		21	500		35	700		49	900		63
1000		70	3000	2	10	5000	3	50	7000	4	90	9000	6	30
11		01	31		02	51		04	71		05	91		06
110		08	310		22	510		36	710		50	910		64
1100		77	3100	2	17	5100	3	57	7100	4	97	9100	6	37
12		01	32		02	52		04	72		05	92		06
120		08	320		22	520		36	720		50	920		64
1200		84	3200	2	24	5200	3	64	7200	5	04	9200	6	44
13		01	33		02	53		04	73		05	93		07
130		09	330		23	530		37	730		51	930		65
1300		91	3300	2	31	5300	3	71	7300	5	11	9300	5	51
14		01	34		02	54		04	74		05	94		07
140		10	340		24	540		38	740		52	940		66
1400		98	3400	2	38	5400	3	78	7400	5	18	9400	6	58
15		01	35		02	55		04	75		05	95		07
150		11	350		25	550		39	750		53	950		67
1500	I	05	3500	2	45	5500	3	85	7500	5	25	9500	6	65
16		01	36		03	56		04	76		05	96		07
160		11	360		25	560		39	760		53	960		67
1600	I	12	3600	2	52	5600	3	92	7600	5	32	9600	6	72
17		01	37		03	57		04	77		05	97		07
170		12	370		26	570		40	770		54	970		68
1700	I	19	3700	2	59	5700	3	99	7700	5	39	9700	6	79
18		01	38		03	58		04	78		05	98		07
180		13	380		27	580		41	780		55	980		69
1800	I	26	3800	2	66	5800	4	06	7800	5	46	9800	6	86
19		01	39		03	59		04	79		06	99		07
190		13	390		27	590		41	790		55	990		69
1900	I	33	3900	2	73	5900	4	13	7900	5	53	9900	6	93
20		01	40		03	60		04	80		06	100		07
200		14	400		28	600		42	800		56	1000		70
2000	I	40	4000	2	80	6000	4	20	8000	5	60	10,000	7	00

POUNDS.

2000 POUNDS ONE TON.

\$1.60			8 CENTS.			\$1.60								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		02	41		03	61		05	81		06
10		01	210		17	410		33	610		49	810		65
100		08	2100	I	68	4100	3	28	6100	4	88	8100	6	48
2		—	22		02	42		03	62		05	82		07
20		02	220		18	420		34	620		50	820		66
200		16	2200	I	76	4200	3	36	6200	4	96	8200	6	56
3		—	23		02	43		03	63		05	83		07
30		02	230		18	430		34	630		50	830		66
300		24	2300	I	84	4300	3	44	6300	5	04	8300	6	64
4		—	24		02	44		04	64		05	84		07
40		03	240		19	440		35	640		51	840		67
400		32	2400	I	92	4400	3	52	6400	5	12	8400	6	72
5		—	25		02	45		04	65		05	85		07
50		04	250		20	450		36	650		52	850		68
500		40	2500	2	00	4500	3	60	6500	5	20	8500	6	80
6		—	26		02	46		04	66		05	86		07
60		05	260		21	460		37	660		53	860		69
600		48	2600	2	08	4600	3	68	6600	5	28	8600	6	88
7		01	27		02	47		04	67		05	87		07
70		06	270		22	470		38	670		54	870		70
700		56	2700	2	16	4700	3	76	6700	5	36	8700	6	96
8		01	28		02	48		04	68		05	88		07
80		06	280		22	480		38	680		54	880		70
800		64	2800	2	24	4800	3	84	6800	5	44	8800	7	04
9		01	29		02	49		04	69		06	89		07
90		07	290		23	490		39	690		55	890		71
900		72	2900	2	32	4900	3	92	6900	5	52	8900	7	12
10		01	30		02	50		04	70		06	90		07
100		08	300		24	500		40	700		56	900		72
1000		80	3000	2	40	5000	4	00	7000	5	60	9000	7	20
11		01	31		02	51		04	71		06	91		07
110		09	310		25	510		41	710		57	910		73
1100		88	3100	2	48	5100	4	08	7100	5	68	9100	7	28
12		01	32		03	52		04	72		06	92		07
120		10	320		26	520		42	720		58	920		74
1200		96	3200	2	56	5200	4	16	7200	5	76	9200	7	36
13		01	33		03	53		04	73		06	93		07
130		10	330		26	530		42	730		58	930		74
1300	I	04	3300	2	64	5300	4	24	7300	5	84	9300	7	44
14		01	34		03	54		04	74		06	94		08
140		11	340		27	540		43	740		59	940		75
1400	I	12	3400	2	72	5400	4	32	7400	5	92	9400	7	52
15		01	35		03	55		04	75		06	95		08
150		12	350		28	550		44	750		60	950		76
1500	I	20	3500	2	80	5500	4	40	7500	6	00	9500	7	60
16		01	36		03	56		04	76		06	96		08
160		13	360		29	560		45	760		61	960		77
1600	I	28	3600	2	88	5600	4	48	7600	6	08	9600	7	68
17		01	37		03	57		05	77		06	97		08
170		14	370		30	570		46	770		62	970		78
1700	I	36	3700	2	96	5700	4	56	7700	6	16	9700	7	76
18		01	38		03	58		05	78		06	98		08
180		14	380		30	580		46	780		62	980		78
1800	I	44	3800	3	04	5800	4	64	7800	6	24	9800	7	84
19		02	39		03	59		05	79		06	99		08
190		15	390		31	590		47	790		63	990		79
1900	I	52	3900	3	12	5900	4	72	7900	6	32	9900	7	92
20		02	40		03	60		05	80		06	100		08
200		16	400		32	600		48	800		64	1000		80
2000	I	60	4000	3	20	6000	4	80	8000	6	40	10,000	8	00

2000 POUNDS ONE TON.

307

POUNDS.

2000 POUNDS ONE TON.

\$2.00			10 CENTS.			\$2.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		02	41		04	61		06	81		08
10		01	210		21	410		41	610		61	810		81
100		10	2100	2	10	4100	4	10	6100	6	10	8100	8	10
2		—	22		02	42		04	62		06	82		08
20		02	220		22	420		42	620		62	820		82
200		20	2200	2	20	4200	4	20	6200	6	20	8200	8	20
3		—	23		02	43		04	63		06	83		08
30		03	230		23	430		43	630		63	830		83
300		30	2300	2	30	4300	4	30	6300	6	30	8300	8	30
4		—	24		02	44		04	64		06	84		08
40		04	240		24	440		44	640		64	840		84
400		40	2400	2	40	4400	4	40	6400	6	40	8400	8	40
5		01	25		03	45		05	65		07	85		09
50		05	250		25	450		45	650		65	850		85
500		50	2500	2	50	4500	4	50	6500	6	50	8500	8	50
6		01	26		03	46		05	66		07	86		09
60		06	260		26	460		46	660		66	860		86
600		60	2600	2	60	4600	4	60	6600	6	60	8600	8	60
7		01	27		03	47		05	67		07	87		09
70		07	270		27	470		47	670		67	870		87
700		70	2700	2	70	4700	4	70	6700	6	70	8700	8	70
8		01	28		03	48		05	68		07	88		09
80		08	280		28	480		48	680		68	880		88
800		80	2800	2	80	4800	4	80	6800	6	80	8800	8	80
9		01	29		03	49		05	69		07	89		09
90		09	290		29	490		49	690		69	890		89
900		90	2900	2	90	4900	4	90	6900	6	90	8900	8	90
10		01	30		03	50		05	70		07	90		09
100		10	300		30	500		50	700		70	900		90
1000	I	00	3000	3	00	5000	5	00	7000	7	00	9000	9	00
11		01	31		03	51		05	71		07	91		09
110		11	310		31	510		51	710		71	910		91
1100	I	10	3100	3	10	5100	5	10	7100	7	10	9100	9	10
12		01	32		03	52		05	72		07	92		09
120		12	320		32	520		52	720		72	920		92
1200	I	20	3200	3	20	5200	5	20	7200	7	20	9200	9	20
13		01	33		03	53		05	73		07	93		09
130		13	330		33	530		53	730		73	930		93
1300	I	30	3300	3	30	5300	5	30	7300	7	30	9300	9	30
14		01	34		03	54		05	74		07	94		09
140		14	340		34	540		54	740		74	940		94
1400	I	40	3400	3	40	5400	5	40	7400	7	40	9400	9	40
15		02	35		04	55		06	75		08	95		10
150		15	350		35	550		55	750		75	950		95
1500	I	50	3500	3	50	5500	5	50	7500	7	50	9500	9	50
16		02	36		04	56		06	76		08	96		10
160		16	360		36	560		56	760		76	960		96
1600	I	60	3600	3	60	5600	5	60	7600	7	60	9600	9	60
17		02	37		04	57		06	77		08	97		10
170		17	370		37	570		57	770		77	970		97
1700	I	70	3700	3	70	5700	5	70	7700	7	70	9700	9	70
18		02	38		04	58		06	78		08	98		10
180		18	380		38	580		58	780		78	980		98
1800	I	80	3800	3	80	5800	5	80	7800	7	80	9800	9	80
19		02	39		04	59		06	79		08	99		10
190		19	390		39	590		59	790		79	990		99
1900	I	90	3900	3	90	5900	5	90	7900	7	90	9900	9	90
20		02	40		04	60		06	80		08	100		10
200		20	400		40	600		60	800		80	1000	I	00
2000	2	00	4000	4	00	6000	6	00	8000	8	00	10,000	10	00

POUNDS.

2000 POUNDS ONE TON.

\$2.20

11 CENTS.

\$2 20

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		02	41		05	61		07	81		09
10		01	210		23	410		45	610		67	810		89
100		11	2100	2	31	4100	4	51	6100	6	71	8100	8	91
2		—	22		02	42		05	62		07	82		09
20		02	220		24	420		46	620		68	820		90
200		22	2200	2	42	4200	4	62	6200	6	82	8200	9	02
3		—	23		03	43		05	63		07	83		09
30		03	230		25	430		47	630		69	830		91
300		33	2300	2	53	4300	4	73	6300	6	93	8300	9	13
4		—	24		03	44		05	64		07	84		09
40		04	240		26	440		48	640		70	840		92
400		44	2400	2	64	4400	4	84	6400	7	04	8400	9	24
5		01	25		03	45		05	65		07	85		09
50		06	250		28	450		50	650		72	850		94
500		55	2500	2	75	4500	4	95	6500	7	15	8500	9	35
6		01	26		03	46		05	66		07	86		09
60		07	260		29	460		51	660		73	860		95
600		66	2600	2	86	4600	5	06	6600	7	26	8600	9	46
7		01	27		03	47		05	67		07	87		10
70		08	270		30	470		52	670		74	870		96
700		77	2700	2	97	4700	5	17	6700	7	37	8700	9	57
8		01	28		03	48		05	68		08	88		10
80		09	280		31	480		53	680		75	880		97
800		88	2800	3	08	4800	5	28	6800	7	48	8800	9	68
9		01	29		03	49		05	69		08	89		10
90		10	290		32	490		54	690		76	890		98
900		99	2900	3	19	4900	5	39	6900	7	59	8900	9	79
10		01	30		03	50		06	70		08	90		10
100		11	300		33	500		55	700		77	900		99
1000	I	10	3000	3	30	5000	5	50	7000	7	70	9000	9	90
11		01	31		03	51		06	71		08	91		10
110		12	310		34	510		56	710		78	910	I	00
1100	I	21	3100	3	41	5100	5	61	7100	7	81	9100	I 0	01
12		01	32		04	52		06	72		08	92		10
120		13	320		35	520		57	720		79	920	I	01
1200	I	32	3200	3	52	5200	5	72	7200	7	92	9200	I 0	12
13		01	33		04	53		06	73		08	93		10
130		14	330		36	530		58	730		80	930	I	02
1300	I	43	3300	3	63	5300	5	83	7300	8	03	9300	I 0	23
14		01	34		04	54		06	74		08	94		10
140		15	340		37	540		59	740		81	940	I	03
1400	I	54	3400	3	74	5400	5	94	7400	8	14	9400	I 0	34
15		02	35		04	55		06	75		08	95		10
150		17	350		39	550		61	750		83	950	I	05
1500	I	65	3500	3	85	5500	6	05	7500	8	25	9500	I 0	45
16		02	36		04	56		06	76		08	96		11
160		18	360		40	560		62	760		84	960	I	06
1600	I	76	3600	3	96	5600	6	16	7600	8	36	9600	I 0	56
17		02	37		04	57		06	77		08	97		11
170		19	370		41	570		63	770		85	970	I	07
1700	I	87	3700	4	07	5700	6	27	7700	8	47	9700	I 0	67
18		02	38		04	58		06	78		09	98		11
180		20	380		42	580		64	780		86	980	I	08
1800	I	98	3800	4	18	5800	6	38	7800	8	58	9800	I 0	78
19		02	39		04	59		07	79		09	99		11
190		21	390		43	590		65	790		87	990	I	09
1900	2	09	3900	4	29	5900	6	49	7900	8	69	9900	I 0	89
20		02	40		04	60		07	80		09	100		11
200		22	400		44	600		66	800		88	1000	I	10
2000	2	20	4000	4	40	6000	6	60	8000	8	80	10,000	I 1	00

POUNDS.

2000 POUNDS ONE TON.

\$2.40			12 CENTS.			\$2.40								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		03	41		05	61		07	81		10
10		01	210		25	410		49	610		73	810		97
100		12	2100	2	52	4100	4	92	6100	7	32	8100	9	72
2		—	22		03	42		05	62		07	82		10
20		02	220		26	420		50	620		74	820		98
200		24	2200	2	64	4200	5	04	6200	7	44	8200	9	84
3		—	23		03	43		05	63		08	83		10
30		04	230		28	430		52	630		76	830	1	00
300		36	2300	2	76	4300	5	16	6300	7	56	8300	9	96
4		—	24		03	44		05	64		08	84		10
40		05	240		29	440		53	640		77	840	1	01
400		48	2400	2	88	4400	5	28	6400	7	68	8400	10	08
5		01	25		03	45		05	65		08	85		10
50		06	250		30	450		54	650		78	850	1	02
500		60	2500	3	00	4500	5	40	6500	7	80	8500	10	20
6		01	26		03	46		06	66		08	86		10
60		07	260		31	460		55	660		79	860	1	03
600		72	2600	3	12	4600	5	52	6600	7	92	8600	10	32
7		01	27		03	47		06	67		08	87		10
70		08	270		32	470		56	670		80	870	1	04
700		84	2700	3	24	4700	5	64	6700	8	04	8700	10	44
8		01	28		03	48		06	68		08	88		11
80		10	280		32	480		58	680		82	880	1	06
800		96	2800	3	36	4800	5	76	6800	8	16	8800	10	56
9		01	29		03	49		06	69		08	89		11
90		11	290		35	490		59	690		83	890	1	07
900	1	08	2900	3	48	4900	5	88	6900	8	28	8900	10	68
10		01	30		04	50		06	70		08	90		11
100		12	300		36	500		60	700		84	900	1	08
1000	1	20	3000	3	60	5000	6	00	7000	8	40	9000	10	80
11		01	31		04	51		06	71		09	91		11
110		13	310		37	510		61	710		85	910	1	09
1100	1	32	3100	3	72	5100	6	12	7100	8	52	9100	10	92
12		01	32		04	52		06	72		09	92		11
120		14	320		38	520		62	720		86	920	1	10
1200	1	44	3200	3	84	5200	6	24	7200	8	64	9200	11	04
13		02	33		04	53		06	73		09	93		11
130		16	330		40	530		64	730		88	930	1	12
1300	1	56	3300	3	96	5300	6	36	7300	8	76	9300	11	16
14		02	34		04	54		06	74		09	94		11
140		17	340		41	540		65	740		89	940	1	13
1400	1	68	3400	4	08	5400	6	48	7400	8	88	9400	11	28
15		02	35		04	55		07	75		09	95		11
150		18	350		42	550		66	750		90	950	1	14
1500	1	80	3500	4	20	5500	6	60	7500	9	00	9500	11	40
16		02	36		04	56		07	76		09	96		12
160		19	360		43	560		67	760		91	960	1	15
1600	1	92	3600	4	32	5600	6	72	7600	9	12	9600	11	52
17		02	37		04	57		07	77		09	97		12
170		20	370		44	570		68	770		92	970	1	16
1700	2	04	3700	4	44	5700	6	84	7700	9	24	9700	11	64
18		02	38		05	58		07	78		09	98		12
180		22	380		46	580		70	780		94	980	1	18
1800	2	16	3800	4	56	5800	6	96	7800	9	36	9800	11	76
19		02	39		05	59		07	79		09	99		12
190		23	390		47	590		71	790		95	990	1	19
1900	2	28	3900	4	68	5900	7	08	7900	9	48	9900	11	88
20		02	40		05	60		07	80		10	100		12
200		24	400		48	600		72	800		96	1000	1	20
2000	2	40	4000	4	80	6000	7	20	8000	9	60	10,000	12	00

POUNDS.

2000 POUNDS ONE TON.

\$2.60			13 CENTS.									\$2.60		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		03	41		05	61		08	81		11
10		01	210		27	410		53	610		79	810	I	05
100		13	2100	2	73	4100	5	33	6100	7	93	8100	10	53
2		—	22		03	42		05	62		08	82		11
20		03	220		29	420		55	620		81	820	I	07
200		26	2200	2	86	4200	5	46	6200	8	06	8200	10	66
3		—	23		03	43		06	63		08	83		11
30		04	230		30	430		56	630		82	830	I	08
300		39	2300	2	99	4300	5	59	6300	8	19	8300	10	79
4		01	24		03	44		06	64		08	84		11
40		05	240		31	440		57	640		83	840	I	09
400		52	2400	3	12	4400	5	72	6400	8	32	8400	10	92
5		01	25		03	45		06	65		08	85		11
50		07	250		33	450		59	650		85	850	I	11
500		65	2500	3	25	4500	5	85	6500	8	45	8500	11	05
6		01	26		03	46		06	66		09	86		11
60		08	260		34	460		60	660		86	860	I	12
600		78	2600	3	38	4600	5	98	6600	8	58	8600	11	18
7		01	27		04	47		06	67		09	87		11
70		09	270		35	470		61	670		87	870	I	13
700		91	2700	3	51	4700	6	11	6700	8	71	8700	11	31
8		01	28		04	48		06	68		09	88		11
80		10	280		36	480		62	680		88	880	I	14
800	I	04	2800	3	64	4800	6	24	6800	8	84	8800	11	44
9		01	29		04	49		06	69		09	89		12
90		12	290		38	490		64	690		90	890	I	16
900	I	17	2900	3	77	4900	6	37	6900	8	97	8900	11	57
10		01	30		04	50		07	70		09	90		12
100		13	300		39	500		65	700		91	900	I	17
1000	I	30	3000	3	90	5000	6	50	7000	9	10	9000	11	70
11		01	31		04	51		07	71		09	91		12
110		14	310		40	510		66	710		92	910	I	18
1100	I	43	3100	4	03	5100	6	63	7100	9	23	9100	11	83
12		02	32		04	52		07	72		09	92		12
120		16	320		42	520		68	720		94	920	I	20
1200	I	56	3200	4	16	5200	6	76	7200	9	36	9200	11	96
13		02	33		04	53		07	73		09	93		12
130		17	330		43	530		69	730		95	930	I	21
1300	I	69	3300	4	29	5300	6	89	7300	9	49	9300	12	09
14		02	34		04	54		07	74		10	94		12
140		18	340		44	540		70	740		96	940	I	22
1400	I	82	3400	4	42	5400	7	02	7400	9	62	9400	12	22
15		02	35		05	55		07	75		10	95		12
150		20	350		46	550		72	750		98	950	I	24
1500	I	95	3500	4	55	5500	7	15	7500	9	75	9500	12	35
16		02	36		05	56		07	76		10	96		12
160		21	360		47	560		73	760		99	960	I	25
1600	2	08	3600	4	68	5600	7	28	7600	9	88	9600	12	48
17		02	37		05	57		07	77		10	97		13
170		22	370		48	570		74	770	I	00	970	I	26
1700	2	21	3700	4	81	5700	7	41	7700	10	01	9700	12	61
18		02	38		05	58		08	78		10	98		13
180		23	380		49	580		75	780	I	01	980	I	27
1800	2	34	3800	4	94	5800	7	54	7800	10	14	9800	12	74
19		02	39		05	59		08	79		10	99		13
190		25	390		51	590		77	790	I	03	990	I	29
1900	2	47	3900	5	07	5900	7	67	7900	10	27	9900	12	87
20		03	40		05	60		08	80		10	100		13
200		26	400		52	600		78	800	I	04	1000	I	30
2000	2	60	4000	5	20	6000	7	80	8000	10	40	10,000	13	00

POUNDS.

2000 POUNDS ONE TON.

\$2.80			14 CENTS.			\$2.80								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		03	41		06	61		08	81		11
10		01	210		29	410		57	610		85	810	I	13
100		14	2100	2	94	4100	5	74	6100	8	54	8100	I 1	34
2		—	22		03	42		06	62		09	82		11
20		03	220		31	420		59	620		87	820	I	15
200		28	2200	3	08	4200	5	88	6200	8	68	8200	I 1	48
3		—	23		03	43		06	63		09	83		12
30		04	230		32	430		60	630		88	830	I	16
300		42	2300	3	22	4300	6	02	6300	8	82	8300	I 1	62
4		01	24		03	44		06	64		09	84		12
40		06	240		34	440		62	640		90	840	I	18
400		56	2400	3	36	4400	6	16	6400	8	96	8400	I 1	76
5		01	25		04	45		06	65		09	85		12
50		07	250		35	450		63	650		91	850	I	19
500		70	2500	3	50	4500	6	30	6500	9	10	8500	I 1	90
6		01	26		04	46		06	66		09	86		12
60		08	260		36	460		64	660		92	860	I	20
600		84	2600	3	64	4600	6	44	6600	9	24	8600	I 2	04
7		01	27		04	47		07	67		09	87		12
70		10	270		38	470		66	670		94	870	I	22
700		98	2700	3	78	4700	6	58	6700	9	38	8700	I 2	18
8		01	28		04	48		07	68		10	88		12
80		11	280		39	480		67	680		95	880	I	23
800	I	12	2800	3	92	4800	6	72	6800	9	52	8800	I 2	32
9		01	29		04	49		07	69		10	89		12
90		13	290		41	490		69	690		97	890	I	25
900	I	26	2900	4	06	4900	6	86	6900	9	66	8900	I 2	46
10		01	30		04	50		07	70		10	90		13
100		14	300		42	500		70	700		98	900	I	26
1000	I	40	3000	4	20	5000	7	00	7000	9	80	9000	I 2	60
11		02	31		04	51		07	71		10	91		13
110		15	310		43	510		71	710		99	910	I	27
1100	I	54	3100	4	34	5100	7	14	7100	9	94	9100	I 2	74
12		02	32		04	52		07	72		10	92		13
120		17	320		45	520		73	720	I	01	920	I	29
1200	I	68	3200	4	48	5200	7	28	7200	I 0	08	9200	I 2	88
13		02	33		05	53		07	73		10	93		13
130		18	330		46	530		74	730	I	02	930	I	30
1300	I	82	3300	4	62	5300	7	42	7300	I 0	22	9300	I 3	02
14		02	34		05	54		08	74		10	94		13
140		20	340		48	540		76	740	I	04	940	I	32
1400	I	96	3400	4	76	5400	7	56	7400	I 0	36	9400	I 3	16
15		02	35		05	55		08	75		11	95		13
150		21	350		49	550		77	750	I	05	950	I	33
1500	2	10	3500	4	90	5500	7	70	7500	I 0	50	9500	I 3	30
16		02	36		05	56		08	76		11	96		13
160		22	360		50	560		78	760	I	06	960	I	34
1600	2	24	3600	5	04	5600	7	84	7600	I 0	64	9600	I 3	44
17		02	37		05	57		08	77		11	97		14
170		24	370		52	570		80	770	I	08	970	I	36
1700	2	38	3700	5	18	5700	7	98	7700	I 0	78	9700	I 3	58
18		03	38		05	58		08	78		11	98		14
180		25	380		53	580		81	780	I	09	980	I	37
1800	2	52	3800	5	32	5800	8	12	7800	I 0	92	9800	I 3	72
19		03	39		05	59		08	79		11	99		14
190		27	390		55	590		83	790	I	11	990	I	39
1900	2	66	3900	5	46	5900	8	26	7900	I 1	06	9900	I 3	86
20		03	40		06	60		08	80		11	100		14
200		28	400		56	600		84	800	I	12	1000	I	40
2000	2	80	4000	5	60	6000	8	40	8000	I 1	20	10,000	I 4	00

POUNDS.

2000 POUNDS ONE TON.

\$3.00

15 CENTS.

\$3.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		03	41		06	61		09	81		12
10		02	210		32	410		62	610		92	810	I	22
100		15	2100	3	15	4100	6	15	6100	9	15	8100	I 2	15
2		—	22		03	42		06	62		09	82		12
20		03	220		33	420		63	620		93	820	I	23
200		30	2200	3	30	4200	6	30	6200	9	30	8200	I 2	30
3		—	23		04	43		07	63		10	83		12
30		05	230		35	430		65	630		95	830	I	25
300		45	2300	3	45	4300	6	45	6300	9	45	8300	I 2	45
4		01	24		04	44		07	64		10	84		13
40		06	240		36	440		66	640		96	840	I	26
400		60	2400	3	60	4400	6	60	6400	9	60	8400	I 2	60
5		01	25		04	45		07	65		10	85		13
50		08	250		38	450		68	650		98	850	I	28
500		75	2500	3	75	4500	6	75	6500	9	75	8500	I 2	75
6		01	26		04	46		07	66		10	86		13
60		09	260		39	460		69	660		99	860	I	29
600		90	2600	3	90	4600	6	90	6600	9	90	8600	I 2	90
7		01	27		04	47		07	67		10	87		13
70		11	270		41	470		71	670	I	01	870	I	31
700	I	05	2700	4	05	4700	7	05	6700	I 0	05	8700	I 3	05
8		01	28		04	48		07	68		10	88		13
80		12	280		42	480		72	680	I	02	880	I	32
800	I	20	2800	4	20	4800	7	20	6800	I 0	20	8800	I 3	20
9		01	29		04	49		07	69		10	89		13
90		14	290		44	490		74	690	I	04	890	I	34
900	I	35	2900	4	35	4900	7	35	6900	I 0	35	8900	I 3	35
10		02	30		05	50		08	70		11	90		14
100		15	300		45	500		75	700	I	05	900	I	35
1000	I	50	3000	4	50	5000	7	50	7000	I 0	50	9000	I 3	50
11		02	31		05	51		08	71		11	91		14
110		17	310		47	510		77	710	I	07	910	I	37
1100	I	65	3100	4	65	5100	7	65	7100	I 0	65	9100	I 3	65
12		02	32		05	52		08	72		11	92		14
120		18	320		48	520		78	720	I	08	920	I	38
1200	I	80	3200	4	80	5200	7	80	7200	I 0	80	9200	I 3	80
13		02	33		05	53		08	73		11	93		14
130		20	330		50	530		80	730	I	10	930	I	40
1300	I	95	3300	4	95	5300	7	95	7300	I 0	95	9300	I 3	95
14		02	34		05	54		08	74		11	94		14
140		21	340		51	540		81	740	I	11	940	I	41
1400	2	10	3400	5	10	5400	8	10	7400	I 1	10	9400	I 4	10
15		02	35		05	55		08	75		11	95		14
150		23	350		53	550		83	750	I	13	950	I	43
1500	2	25	3500	5	25	5500	8	25	7500	I 1	25	9500	I 4	25
16		02	36		05	56		08	76		11	96		14
160		24	360		54	560		84	760	I	14	960	I	44
1600	2	40	3600	5	40	5600	8	40	7600	I 1	40	9600	I 4	40
17		03	37		06	57		09	77		12	97		15
170		26	370		56	570		86	770	I	16	970	I	46
1700	2	55	3700	5	55	5700	8	55	7700	I 1	55	9700	I 4	55
18		03	38		06	58		09	78		12	98		15
180		27	380		57	580		87	780	I	17	980	I	47
1800	2	70	3800	5	70	5800	8	70	7800	I 1	70	9800	I 4	70
19		03	39		06	59		09	79		12	99		15
190		29	390		59	590		89	790	I	19	990	I	49
1900	2	85	3900	5	85	5900	8	85	7900	I 1	85	9900	I 4	85
20		03	40		06	60		09	80		12	100		15
200		30	400		60	600		90	800	I	20	1000	I	50
2000	3	00	4000	6	00	6000	9	00	8000	I 2	00	10,000	I 5	00

POUNDS.

2000 POUNDS ONE TON.

\$3.20			16 CENTS.			\$3.20								
Lbs.	¢	Cts.	Lbs.	¢	Cts.	Lbs.	¢	Cts.	Lbs.	¢	Cts.	Lbs.	¢	Cts.
1		—	21		03	41		07	61		10	81		13
10		02	210		34	410		66	610		98	810	I	30
100		16	2100	3	36	4100	6	56	6100	9	76	8100	I 2	96
2		—	22		04	42		07	62		10	82		13
20		03	220		35	420		67	620		99	820	I	31
200		32	2200	3	52	4200	6	72	6200	9	92	8200	I 3	12
3		—	23		03	43		07	63		10	83		13
30		05	230		37	430		69	630	I	01	830	I	33
300		48	2300	3	68	4300	6	88	6300	I 0	08	8300	I 3	28
4		01	24		04	44		07	64		10	84		13
40		06	240		38	440		70	640	I	02	840	I	34
400		64	2400	3	84	4400	7	04	6400	I 0	24	8400	I 3	44
5		01	25		04	45		07	65		10	85		14
50		08	250		40	450		72	650	I	04	850	I	36
500		80	2500	4	00	4500	7	20	6500	I 0	40	8500	I 3	60
6		01	26		04	46		07	66		11	86		14
60		10	260		42	460		74	660	I	06	860	I	38
600		96	2600	4	16	4600	7	36	6600	I 0	56	8600	I 3	76
7		01	27		04	47		08	67		11	87		14
70		11	270		43	470		75	670	I	07	870	I	39
700	I	12	2700	4	32	4700	7	52	6700	I 0	72	8700	I 3	92
8		01	28		04	48		08	68		11	88		14
80		13	280		45	480		77	680	I	09	880	I	41
800	I	28	2800	4	48	4800	7	68	6800	I 0	88	8800	I 4	08
9		01	29		05	49		08	69		11	89		14
90		14	290		46	490		78	690	I	10	890	I	42
900	I	44	2900	4	64	4900	7	84	6900	I 1	04	8900	I 4	24
10		02	30		05	50		08	70		11	90		14
100		16	300		48	500		80	700	I	12	900	I	44
1000	I	60	3000	4	80	5000	8	00	7000	I 1	20	9000	I 4	40
11		02	31		05	51		08	71		11	91		15
110		18	310		50	510		82	710	I	14	910	I	46
1100	I	76	3100	4	96	5100	8	16	7100	I 1	36	9100	I 4	56
12		02	32		05	52		08	72		12	92		15
120		19	320		51	520		83	720	I	15	920	I	47
1200	I	92	3200	5	12	5200	8	32	7200	I 1	52	9200	I 4	72
13		02	33		05	53		08	73		12	93		15
130		21	330		53	530		85	730	I	17	930	I	49
1300	2	08	3300	5	28	5300	8	48	7300	I 1	68	9300	I 4	88
14		02	34		05	54		09	74		12	94		15
140		22	340		54	540		86	740	I	18	940	I	50
1400	2	24	3400	5	44	5400	8	64	7400	I 1	84	9400	I 5	04
15		02	35		06	55		09	75		12	95		15
150		24	350		56	550		88	750	I	20	950	I	52
1500	2	40	3500	5	60	5500	8	80	7500	I 2	00	9500	I 5	20
16		03	36		06	56		09	76		12	96		15
160		26	360		58	560		90	760	I	22	960	I	54
1600	2	56	3600	5	76	5600	8	96	7600	I 2	16	9600	I 5	36
17		03	37		06	57		09	77		12	97		16
170		27	370		59	570		91	770	I	23	970	I	55
1700	2	72	3700	5	92	5700	9	12	7700	I 2	32	9700	I 5	52
18		03	38		06	58		09	78		12	98		16
180		29	380		61	580		93	780	I	25	980	I	57
1800	2	88	3800	6	08	5800	9	28	7800	I 2	48	9800	I 5	68
19		03	39		06	59		09	79		13	99		16
190		30	390		62	590		94	790	I	26	990	I	58
1900	3	04	3900	6	24	5900	9	44	7900	I 2	64	9900	I 5	84
20		03	40		06	60		10	80		13	100		16
200		32	400		64	600		96	800	I	28	1000	I	60
2000	3	20	4000	6	40	6000	9	60	8000	I 2	80	10,000	I 6	00

POUNDS.

2000 POUNDS ONE TON.

\$3.40

17 CENTS.

\$3.40

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		04	41		07	61		10	81		14
10		02	210		36	410		70	610		04	810		38
100		17	2100	3	57	4100	6	97	6100	10	37	8100	13	77
2		—	22		04	42		07	62		11	82		14
20		03	220		37	420		71	620		05	820		39
200		34	2200	3	74	4200	7	14	6200	10	54	8200	13	94
3		—	23		04	43		07	63		11	83		14
30		05	230		39	430		73	630		07	830		41
300		51	2300	3	91	4300	7	31	6300	10	71	8300	14	11
4		01	24		04	44		07	64		11	84		14
40		07	240		41	440		75	640		09	840		43
400		68	2400	4	08	4400	7	48	6400	10	88	8400	14	28
5		01	25		04	45		08	65		11	85		14
50		09	250		43	450		77	650		11	850		45
500		85	2500	4	25	4500	7	65	6500	11	05	8500	14	45
6		01	26		04	46		08	66		11	86		15
60		10	260		44	460		78	660		12	860		46
600		102	2600	4	42	4600	7	82	6600	11	22	8600	14	62
7		01	27		05	47		08	67		11	87		15
70		12	270		46	470		80	670		14	870		48
700		119	2700	4	59	4700	7	99	6700	11	39	8700	14	79
8		01	28		05	48		08	68		12	88		15
80		14	280		48	480		82	680		16	880		50
800		136	2800	4	76	4800	8	16	6800	11	56	8800	14	96
9		02	29		05	49		08	69		12	89		15
90		15	290		49	490		83	690		17	890		51
900		153	2900	4	93	4900	8	33	6900	11	73	8900	15	13
10		02	30		05	50		09	70		12	90		15
100		17	300		51	500		85	700		19	900		53
1000		170	3000	5	10	5000	8	50	7000	11	90	9000	15	30
11		02	31		05	51		09	71		12	91		15
110		19	310		53	510		87	710		21	910		55
1100		187	3100	5	27	5100	8	67	7100	12	07	9100	15	47
12		02	32		05	52		09	72		12	92		16
120		20	320		54	520		88	720		22	920		56
1200		204	3200	5	44	5200	8	84	7200	12	24	9200	15	64
13		02	33		06	53		09	73		12	93		16
130		22	330		56	530		90	730		24	930		58
1300		221	3300	5	61	5300	9	01	7300	12	41	9300	15	81
14		02	34		06	54		09	74		13	94		16
140		24	340		58	540		92	740		26	940		60
1400		238	3400	5	78	5400	9	18	7400	12	58	9400	15	98
15		03	35		06	55		09	75		13	95		16
150		26	350		60	550		94	750		28	950		62
1500		255	3500	5	95	5500	9	35	7500	12	75	9500	16	15
16		03	36		06	56		10	76		13	96		16
160		27	360		61	560		95	760		29	960		63
1600		272	3600	6	12	5600	9	52	7600	12	92	9600	16	32
17		03	37		06	57		10	77		13	97		16
170		29	370		63	570		97	770		31	970		65
1700		289	3700	6	29	5700	9	69	7700	13	09	9700	16	49
18		03	38		06	58		10	78		13	98		17
180		31	380		65	580		99	780		33	980		67
1800		306	3800	6	46	5800	9	86	7800	13	26	9800	16	66
19		03	39		07	59		10	79		13	99		17
190		32	390		66	590		100	790		34	990		68
1900		323	3900	6	63	5900	10	03	7900	13	43	9900	16	83
20		03	40		07	60		10	80		14	100		17
200		34	400		68	600		102	800		36	1000		70
2000		340	4000	6	80	6000	10	20	8000	13	60	10,000	17	00

POUNDS.

2000 POUNDS ONE TON.

\$3.60			18 CENTS.			\$3.60								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		04	41		07	61		11	81		15
10		02	210		38	410		74	610	I	10	810	I	46
100		18	2100	3	78	4100	7	38	6100	I 0	98	8100	I 4	58
2		—	22		04	42		08	62		11	82		15
20		04	220		40	420		76	620	I	12	820	I	48
200		36	2200	3	96	4200	7	56	6200	I 1	16	8200	I 4	76
3		—	23		04	43		08	63		11	83		15
30		05	230		41	430		77	630	I	13	830	I	49
300		54	2300	4	14	4300	7	74	6300	I 1	34	8300	I 4	94
4		01	24		04	44		08	64		12	84		15
40		07	240		43	440		79	640	I	15	840	I	51
400		72	2400	4	32	4400	7	92	6400	I 1	52	8400	I 5	12
5		01	25		05	45		08	65		12	85		15
50		09	250		45	450		81	650	I	17	850	I	53
500		90	2500	4	50	4500	8	10	6500	I 1	70	8500	I 5	30
6		01	26		05	46		08	66		12	86		15
60		11	260		47	460		83	660	I	19	860	I	55
600	I	08	2600	4	68	4600	8	28	6600	I 1	88	8600	I 5	48
7		01	27		05	47		08	67		12	87		16
70		13	270		49	470		85	670	I	21	870	I	57
700	I	26	2700	4	86	4700	8	46	6700	I 2	06	8700	I 5	66
8		01	28		05	48		09	68		12	88		16
80		14	280		50	480		86	680	I	22	880	I	58
800	I	44	2800	5	04	4800	8	64	6800	I 2	24	8800	I 5	84
9		02	29		05	49		09	69		12	89		16
90		16	290		52	490		88	690	I	24	890	I	60
900	I	62	2900	5	22	4900	8	82	6900	I 2	42	8900	I 6	02
10		02	30		05	50		09	70		13	90		16
100		18	300		54	500		90	700	I	26	900	I	62
1000	I	80	3000	5	40	5000	9	00	7000	I 2	60	9000	I 6	20
11		02	31		06	51		09	71		13	91		16
110		20	310		56	510		92	710	I	28	910	I	64
1100	I	98	3100	5	58	5100	9	18	7100	I 2	78	9100	I 6	38
12		02	32		06	52		09	72		13	92		17
120		22	320		58	520		94	720	I	30	920	I	66
1200	2	16	3200	5	76	5200	9	36	7200	I 2	96	9200	I 6	56
13		02	33		06	53		10	73		13	93		17
130		23	330		59	530		95	730	I	31	930	I	67
1300	2	34	3300	5	94	5300	9	54	7300	I 3	14	9300	I 6	74
14		03	34		06	54		10	74		13	94		17
140		25	340		61	540		97	740	I	33	940	I	69
1400	2	52	3400	6	12	5400	9	72	7400	I 3	32	9400	I 6	92
15		03	35		06	55		10	75		14	95		17
150		27	350		63	550		99	750	I	35	950	I	71
1500	2	70	3500	6	30	5500	9	90	7500	I 3	50	9500	I 7	10
16		03	36		06	56		10	76		14	96		17
160		29	360		65	560	I	01	760	I	37	960	I	73
1600	2	88	3600	6	48	5600	I 0	08	7600	I 3	68	9600	I 7	28
17		03	37		07	57		10	77		14	97		17
170		31	370		67	570	I	03	770	I	39	970	I	75
1700	3	06	3700	6	66	5700	I 0	26	7700	I 3	86	9700	I 7	46
18		03	38		07	58		10	78		14	98		18
180		32	380		68	580	I	04	780	I	40	980	I	76
1800	3	24	3800	6	84	5800	I 0	44	7800	I 4	04	9800	I 7	64
19		03	39		07	59		11	79		14	99		18
190		34	390		70	590	I	06	790	I	42	990	I	78
1900	3	42	3900	7	02	5900	I 0	62	7900	I 4	22	9900	I 7	82
20		04	40		07	60		11	80		14	100		18
200		36	400		72	600	I	08	800	I	44	1000	I	80
2000	3	60	4000	7	20	6000	I 0	80	8000	I 4	40	10,000	I 8	00

POUNDS.

2000 POUNDS ONE TON.

\$3.80

19 CENTS.

\$3.80

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		04	41		08	61		12	81		15
10		02	210		40	410		78	610		16	810		54
100		19	2100	3	99	4100	7	79	6100	11	59	8100	15	39
2		—	22		04	42		08	62		12	82		16
20		04	220		42	420		80	620		18	820		56
200		38	2200	4	18	4200	7	98	6200	11	78	8200	15	58
3		—	23		04	43		08	63		12	83		10
30		06	230		44	430		82	630		20	830		58
300		57	2300	4	37	4300	8	17	6300	11	97	8300	15	77
4		01	24		05	44		08	64		12	84		10
40		08	240		46	440		84	640		22	840		60
400		76	2400	4	56	4400	8	36	6400	12	16	8400	15	96
5		01	25		05	45		09	65		12	85		16
50		10	250		48	450		86	650		24	850		62
500		95	2500	4	75	4500	8	55	6500	12	35	8500	16	15
6		01	26		05	46		09	66		13	86		16
60		11	260		49	460		87	660		25	860		63
600	1	14	2600	4	94	4600	8	74	6600	12	54	8600	16	34
7		01	27		05	47		09	67		13	87		17
70		13	270		51	470		89	670		27	870		65
700	1	33	2700	5	13	4700	8	93	6700	12	73	8700	16	53
8		01	28		05	48		09	68		13	88		17
80		15	280		53	480		91	680		29	880		67
800	1	52	2800	5	32	4800	9	12	6800	12	92	8800	16	72
9		02	29		06	49		09	69		13	89		17
90		17	290		55	490		93	690		31	890		69
900	1	71	2900	5	51	4900	9	31	6900	13	11	8900	16	91
10		02	30		06	50		10	70		13	90		17
100		19	300		57	500		95	700		33	900		71
1000	1	90	3000	5	70	5000	9	50	7000	13	30	9000	17	10
11		02	31		06	51		10	71		14	91		17
110		21	310		59	510		97	710		35	910		73
1100	2	09	3100	5	89	5100	9	69	7100	13	49	9100	17	29
12		02	32		06	52		10	72		14	92		17
120		23	320		61	520		99	720		37	920		75
1200	2	28	3200	6	08	5200	9	88	7200	13	68	9200	17	48
13		02	33		06	53		10	73		14	93		18
130		25	330		63	530		101	730		39	930		77
1300	2	47	3300	6	27	5300	10	07	7300	13	87	9300	17	67
14		03	34		06	54		10	74		14	94		18
140		27	340		65	540		103	740		41	940		79
1400	2	66	3400	6	46	5400	10	26	7400	14	06	9400	17	86
15		03	35		07	55		11	75		14	95		18
150		29	350		67	550		105	750		43	950		81
1500	2	85	3500	6	65	5500	10	45	7500	14	25	9500	18	05
16		03	36		07	56		11	76		14	96		18
160		30	360		68	560		106	760		44	960		82
1600	3	04	3600	6	84	5600	10	64	7600	14	44	9600	18	24
17		03	37		07	57		11	77		15	97		18
170		32	370		70	570		108	770		46	970		84
1700	3	23	3700	7	03	5700	10	83	7700	14	63	9700	18	43
18		03	38		07	58		11	78		15	98		19
180		34	380		72	580		110	780		48	980		86
1800	3	42	3800	7	22	5800	11	02	7800	14	82	9800	18	62
19		04	39		07	59		11	79		15	99		19
190		36	390		74	590		112	790		50	990		88
1900	3	61	3900	7	41	5900	11	21	7900	15	01	9900	18	81
20		04	40		08	60		11	80		15	100		19
200		38	400		76	600		114	800		52	1000		90
2000	3	80	4000	7	60	6000	11	40	8000	15	20	10,000	19	00

POUNDS.

2000 POUNDS ONE TON.

\$4.00			20 CENTS.									\$4.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		04	41		08	61		12	81		16
10		02	210		42	410		82	610	I	22	810	I	62
100		20	2100	4	20	4100	8	20	6100	I2	20	8100	I6	20
2		—	22		04	42		08	62		12	82		16
20		04	220		44	420		84	620	I	24	820	I	64
200		40	2200	4	40	4200	8	40	6200	I2	40	8200	I6	40
3		—	23		05	43		09	63		13	83		17
30		06	230		46	430		86	630	I	26	830	I	66
300		60	2300	4	60	4300	8	60	6300	I2	60	8300	I6	60
4		01	24		05	44		09	64		13	84		17
40		08	240		48	440		88	640	I	28	840	I	68
400		80	2400	4	80	4400	8	80	6400	I2	80	8400	I6	80
5		01	25		05	45		09	65		13	85		17
50		10	250		50	450		90	650	I	30	850	I	70
500	I	00	2500	5	00	4500	9	00	6500	I3	00	8500	I7	00
6		01	26		05	46		09	66		13	86		17
60		12	260		52	460		92	660	I	32	860	I	72
600	I	20	2600	5	20	4600	9	20	6600	I3	20	8600	I7	20
7		01	27		05	47		09	67		13	87		17
70		14	270		54	470		94	670	I	34	870	I	74
700	I	40	2700	5	40	4700	9	40	6700	I3	40	8700	I7	40
8		01	28		06	48		10	68		14	88		18
80		16	280		56	480		96	680	I	36	880	I	76
800	I	60	2800	5	60	4800	9	60	6800	I3	60	8800	I7	60
9		02	29		06	49		10	69		14	89		18
90		18	290		58	490		98	690	I	38	890	I	78
900	I	80	2900	5	80	4900	9	80	6900	I3	80	8900	I7	80
10		02	30		06	50		10	70		14	90		18
100		20	300		60	500	I	00	700	I	40	900	I	80
1000	2	00	3000	6	00	5000	I0	00	7000	I4	00	9000	I8	00
11		02	31		06	51		10	71		14	91		18
110		22	310		62	510	I	02	710	I	42	910	I	82
1100	2	20	3100	6	20	5100	I0	20	7100	I4	20	9100	I8	20
12		02	32		06	52		10	72		14	92		18
120		24	320		64	520	I	04	720	I	44	920	I	84
1200	2	40	3200	6	40	5200	I0	40	7200	I4	40	9200	I8	40
13		03	33		07	53		11	73		15	93		19
130		26	330		66	530	I	06	730	I	46	930	I	86
1300	2	60	3300	6	60	5300	I0	60	7300	I4	60	9300	I8	60
14		03	34		07	54		11	74		15	94		19
140		28	340		68	540	I	08	740	I	48	940	I	88
1400	2	80	3400	6	80	5400	I0	80	7400	I4	80	9400	I8	80
15		03	35		07	55		11	75		15	95		19
150		30	350		70	550	I	10	750	I	50	950	I	90
1500	3	00	3500	7	00	5500	I1	00	7500	I5	00	9500	I9	00
16		03	36		07	56		11	76		15	96		19
160		32	360		72	560	I	12	760	I	52	960	I	92
1600	3	20	3600	7	20	5600	I1	20	7600	I5	20	9600	I9	20
17		03	37		07	57		11	77		15	97		19
170		34	370		74	570	I	14	770	I	54	970	I	94
1700	3	40	3700	7	40	5700	I1	40	7700	I5	40	9700	I9	40
18		04	38		08	58		12	78		16	98		20
180		36	380		76	580	I	16	780	I	56	980	I	96
1800	3	60	3800	7	60	5800	I1	60	7800	I5	60	9800	I9	60
19		04	39		08	59		12	79		16	99		20
190		38	390		78	590	I	18	790	I	58	990	I	98
1900	3	80	3900	7	80	5900	I1	80	7900	I5	80	9900	I9	80
20		04	40		08	60		12	80		16	100		20
200		40	400		80	600	I	20	800	I	60	1000	2	00
2000	4	00	4000	8	00	6000	I2	00	8000	I6	00	10,000	20	00

POUNDS.

2000 POUNDS ONE TON.

\$4.20

21 CENTS.

\$4.20

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		04	41		09	61		13	81		17
10		02	210		44	410		86	610	I	28	810	I	70
100		21	2100	4	41	4100	8	61	6100	I	281	8100	I	701
2		—	22		05	42		09	62		13	82		17
20		04	220		46	420		88	620	I	30	820	I	72
200		42	2200	4	62	4200	8	82	6200	I	302	8200	I	722
3		—	23		05	43		09	63		13	83		17
30		06	230		48	430		90	630	I	32	830	I	74
300		63	2300	4	83	4300	9	03	6300	I	323	8300	I	743
4		01	24		05	44		09	64		13	84		18
40		08	240		50	440		92	640	I	35	840	I	76
400		84	2400	5	04	4400	9	24	6400	I	344	8400	I	764
5		01	25		05	45		09	65		14	85		18
50		11	250		53	450		95	650	I	37	850	I	79
500	I	05	2500	5	25	4500	9	45	6500	I	365	8500	I	785
6		01	26		05	46		10	66		14	86		18
60		13	260		55	460		97	660	I	39	860	I	81
600	I	26	2600	5	46	4600	9	66	6600	I	386	8600	I	806
7		01	27		06	47		10	67		14	87		18
70		15	270		57	470		99	670	I	41	870	I	83
700	I	47	2700	5	67	4700	9	87	6700	I	407	8700	I	827
8		02	28		06	48		10	68		14	88		18
80		17	280		59	480	I	01	680	I	43	880	I	85
800	I	68	2800	5	88	4800	I	008	6800	I	428	8800	I	848
9		02	29		06	49		10	69		14	89		19
90		19	290		61	490	I	03	690	I	45	890	I	87
900	I	89	2900	6	09	4900	I	029	6900	I	449	8900	I	869
10		02	30		06	50		11	70		15	90		19
100		21	300		63	500	I	05	700	I	47	900	I	89
1000	2	10	3000	6	30	5000	I	050	7000	I	470	9000	I	890
11		02	31		07	51		11	71		15	91		19
110		23	310		65	510	I	07	710	I	49	910	I	91
1100	2	31	3100	6	51	5100	I	071	7100	I	491	9100	I	911
12		03	32		07	52		11	72		15	92		19
120		25	320		67	520	I	09	720	I	51	920	I	93
1200	2	52	3200	6	72	5200	I	092	7200	I	512	9200	I	932
13		03	33		07	53		11	73		15	93		19
130		27	330		69	530	I	11	730	I	53	930	I	95
1300	2	73	3300	6	93	5300	I	113	7300	I	533	9300	I	953
14		03	34		07	54		11	74		16	94		20
140		29	340		71	540	I	13	740	I	55	940	I	97
1400	2	94	3400	7	14	5400	I	134	7400	I	554	9400	I	974
15		03	35		07	55		12	75		16	95		20
150		32	350		74	550	I	16	750	I	58	950	2	00
1500	3	15	3500	7	35	5500	I	155	7500	I	575	9500	I	995
16		03	36		08	56		12	76		16	96		20
160		34	360		76	560	I	18	760	I	60	960	2	01
1600	3	36	3600	7	56	5600	I	176	7600	I	596	9600	2	016
17		04	37		08	57		12	77		16	97		20
170		36	370		78	570	I	20	770	I	62	970	2	04
1700	3	57	3700	7	77	5700	I	197	7700	I	617	9700	2	037
18		04	38		08	58		12	78		16	98		21
180		38	380		80	580	I	22	780	I	64	980	2	06
1800	3	78	3800	7	98	5800	I	218	7800	I	638	9800	2	058
19		04	39		08	59		12	79		17	99		21
190		40	390		82	590	I	24	790	I	66	990	2	08
1900	3	99	3900	8	19	5900	I	239	7900	I	659	9900	2	079
20		04	40		08	60		13	80		17	100		21
200		42	400		84	600	I	26	800	I	68	1000	2	10
2000	4	20	4000	8	40	6000	I	260	8000	I	680	10,000	2	100

POUNDS.

2000 POUNDS ONE TON.

\$4.40			22 CENTS.			\$4.40		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		05	41		09
10		02	210		46	410		90
100		22	2100	4	62	4100	9	02
2		—	22		05	42		09
20		04	220		48	420		92
200		44	2200	4	84	4200	9	24
3		01	23		05	43		09
30		07	230		51	430		95
300		66	2300	5	06	4300	9	46
4		01	24		05	44		10
40		09	240		53	440		97
400		88	2400	5	28	4400	9	68
5		01	25		06	45		10
50		11	250		55	450		99
500	1	10	2500	5	50	4500	9	90
6		01	26		06	46		10
60		13	260		57	460	1	01
600	1	32	2600	5	72	4600	10	12
7		02	27		06	47		10
70		15	270		59	470	1	03
700	1	54	2700	5	94	4700	10	34
8		02	28		06	48		11
80		18	280		62	480	1	06
800	1	76	2800	6	16	4800	10	56
9		02	29		06	49		11
90		20	290		64	490	1	08
900	1	98	2900	6	38	4900	10	78
10		02	30		07	50		11
100		22	300		66	500	1	10
1000	2	20	3000	6	60	5000	11	00
11		02	31		07	51		11
110		24	310		68	510	1	12
1100	2	42	3100	6	82	5100	11	22
12		03	32		07	52		11
120		26	320		70	520	1	14
1200	2	64	3200	7	04	5200	11	44
13		03	33		07	53		12
130		29	330		73	530	1	17
1300	2	86	3300	7	26	5300	11	66
14		03	34		07	54		12
140		31	340		75	540	1	19
1400	3	08	3400	7	48	5400	11	88
15		03	35		08	55		12
150		33	350		77	550	1	21
1500	3	30	3500	7	70	5500	12	10
16		04	36		08	56		12
160		35	360		79	560	1	23
1600	3	52	3600	7	92	5600	12	32
17		04	37		08	57		13
170		37	370		81	570	1	25
1700	3	74	3700	8	14	5700	12	54
18		04	38		08	58		13
180		40	380		84	580	1	28
1800	3	96	3800	8	36	5800	12	76
19		04	39		09	59		13
190		42	390		86	590	1	30
1900	4	18	3900	8	58	5900	12	98
20		04	40		09	60		13
200		44	400		88	600	1	32
2000	4	40	4000	8	80	6000	13	20
61		13	81		18	62		14
610	1	34	810		36	620	1	36
6100	13	42	8100	17	82	6200	13	64
62		14	82		19	63		14
620	1	36	820		39	630	1	39
6200	13	64	8200	18	86	6300	13	86
63		14	83		19	64		14
630	1	39	830		41	640	1	41
6300	13	86	8300	18	88	6400	14	08
64		14	84		19	65		14
640	1	41	840		43	650	1	43
6400	14	08	8400	18	90	6500	14	30
65		14	85		19	66		15
650	1	43	850		45	660	1	45
6500	14	30	8500	18	92	6600	14	52
66		15	86		19	67		15
660	1	45	860		47	670	1	47
6600	14	52	8600	18	94	6700	14	74
67		15	87		19	68		15
670	1	47	870		50	680	1	50
6700	14	74	8700	19	36	6800	14	96
68		15	88		20	69		15
680	1	50	880		52	690	1	52
6800	14	96	8800	19	58	6900	15	18
69		15	89		20	70		15
690	1	52	890		54	700	1	54
6900	15	18	8900	19	80	7000	15	40
70		15	90		20	71		16
700	1	54	900		56	710	1	56
7000	15	40	9000	19	62	7100	15	62
71		16	91		20	72		16
710	1	56	910		20	720	1	58
7100	15	62	9100	20	24	7200	15	84
72		16	92		20	73		16
720	1	58	920		20	730	1	61
7200	15	84	9200	20	46	7300	16	06
73		16	93		20	74		16
730	1	61	930		20	740	1	63
7300	16	06	9300	20	68	7400	16	28
74		16	94		21	75		17
740	1	63	940		21	750	1	65
7400	16	28	9400	20	90	7500	16	50
75		17	95		21	76		17
750	1	65	950		21	760	1	67
7500	16	50	9500	20	12	7600	16	72
76		17	96		21	77		17
760	1	67	960		21	770	1	69
7600	16	72	9600	21	34	7700	16	94
77		17	97		22	78		17
770	1	69	970		21	780	1	72
7700	16	94	9700	21	56	7800	17	16
78		17	98		22	79		17
780	1	72	980		21	790	1	74
7800	17	16	9800	21	18	7900	17	38
79		17	99		22	80		18
790	1	74	990		21	800	1	76
7900	17	38	9900	21	20	8000	17	60
80		18	100		22	1000		22
800	1	76	1000		22	2000		44
8000	17	60	10,000	22	00	2000	4	40

POUNDS.

2000 POUNDS ONE TON.

\$4.60			23 CENTS.			\$4.60		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		05	41		09
10		02	210		48	410		94
100		23	2100	4	83	4100	9	43
2		—	22		05	42		10
20		05	220		51	420		97
200		46	2200	5	06	4200	9	66
3		01	23		05	43		10
30		07	230		53	430		99
300		69	2300	5	29	4300	9	89
4		01	24		06	44		10
40		09	240		55	440	1	01
400		92	2400	5	52	4400	10	12
5		01	25		06	45		10
50		12	250		58	450	1	04
500	1	15	2500	5	75	4500	10	35
6		01	26		06	46		11
60		14	260		60	460	1	06
600	1	38	2600	5	98	4600	10	58
7		02	27		06	47		11
70		16	270		62	470	1	08
700	1	61	2700	6	21	4700	10	81
8		02	28		06	48		11
80		18	280		64	480	1	10
800	1	84	2800	6	44	4800	11	04
9		02	29		07	49		11
90		21	290		67	490	1	13
900	2	07	2900	6	67	4900	11	27
10		02	30		07	50		12
100		23	300		69	500	1	15
1000	2	30	3000	6	90	5000	11	50
11		03	31		07	51		12
110		25	310		71	510	1	17
1100	2	53	3100	7	13	5100	11	73
12		03	32		07	52		12
120		28	320		74	520	1	20
1200	2	76	3200	7	36	5200	11	96
13		03	33		08	53		12
130		30	330		76	530	1	22
1300	2	99	3300	7	59	5300	12	19
14		03	34		08	54		12
140		32	340		78	540	1	24
1400	3	22	3400	7	82	5400	12	42
15		03	35		08	55		13
150		35	350		81	550	1	27
1500	3	45	3500	8	05	5500	12	65
16		04	36		08	56		13
160		37	360		83	560	1	29
1600	3	68	3600	8	28	5600	12	88
17		04	37		09	57		13
170		39	370		85	570	1	31
1700	3	91	3700	8	51	5700	13	11
18		04	38		09	58		13
180		41	380		87	580	1	33
1800	4	14	3800	8	74	5800	13	34
19		04	39		09	59		14
190		44	390		90	590	1	36
1900	4	37	3900	8	97	5900	13	57
20		05	40		09	60		14
200		46	400		92	600	1	38
2000	4	60	4000	9	20	6000	13	80
						61		14
						610	1	40
						6100	14	03
						62		14
						620	1	43
						6200	14	26
						63		14
						630	1	45
						6300	14	49
						64		15
						640	1	47
						6400	14	72
						65		15
						650	1	50
						6500	14	95
						66		15
						660	1	52
						6600	15	18
						67		15
						670	1	54
						6700	15	41
						68		16
						680	1	56
						6800	15	64
						69		16
						690	1	59
						6900	15	87
						70		16
						700	1	61
						7000	16	10
						71		16
						710	1	63
						7100	16	33
						72		17
						720	1	66
						7200	16	56
						73		17
						730	1	68
						7300	16	79
						74		17
						740	1	70
						7400	17	02
						75		17
						750	1	73
						7500	17	25
						76		17
						760	1	75
						7600	17	48
						77		18
						770	1	77
						7700	17	71
						78		18
						780	1	79
						7800	17	94
						79		18
						790	1	82
						7900	18	17
						80		18
						800	1	84
						8000	18	40
						81		19
						810	1	86
						8100	18	63
						82		19
						820	1	89
						8200	18	86
						83		19
						830	1	91
						8300	19	09
						84		19
						840	1	93
						8400	19	32
						85		20
						850	1	96
						8500	19	55
						86		20
						860	1	98
						8600	19	78
						87		20
						870	2	00
						8700	20	01
						88		20
						880	2	02
						8800	20	24
						89		20
						890	2	05
						8900	20	47
						90		21
						900	2	07
						9000	20	70
						91		21
						910	2	09
						9100	20	93
						92		21
						920	2	12
						9200	21	16
						93		21
						930	2	14
						9300	21	39
						94		22
						940	2	16
						9400	21	62
						95		22
						950	2	19
						9500	21	85
						96		22
						960	2	21
						9600	22	08
						97		22
						970	2	23
						9700	22	31
						98		22
						980	2	25
						9800	22	54
						99		23
						990	2	28
						9900	22	77
						100		23
						1000	2	30
						10,000	23	00

2000 POUNDS ONE TON.

322

POUNDS.

2000 POUNDS ONE TON.

\$5.00			25 CENTS.									\$5.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		05	41		10	61		15	81		20
10		03	210		53	410	I	02	610	I	53	810	2	03
100		25	2100	5	25	4100	I 0	25	6100	I 5	25	8100	2 0	25
2		01	22		06	42		11	62		16	82		21
20		05	220		55	420	I	05	620	I	55	820	2	05
200		50	2200	5	50	4200	I 0	50	6200	I 5	50	8200	2 0	50
3		01	23		06	43		11	63		16	83		21
30		08	230		58	430	I	08	630	I	58	830	2	08
300		75	2300	5	75	4300	I 0	75	6300	I 5	75	8300	2 0	75
4		01	24		06	44		11	64		16	84		21
40		10	240		60	440	I	10	640	I	60	840	2	10
400	I	00	2400	6	00	4400	I I	00	6400	I 6	00	8400	2 I	00
5		01	25		06	45		11	65		16	85		21
50		13	250		63	450	I	13	650	I	63	850	2	13
500	I	25	2500	6	25	4500	I I	25	6500	I 6	25	8500	2 I	25
6		02	26		07	46		12	66		17	86		22
60		15	260		65	460	I	15	660	I	65	860	2	15
600	I	50	2600	6	50	4600	I I	50	6600	I 6	50	8600	2 I	50
7		02	27		07	47		12	67		17	87		22
70		18	270		68	470	I	18	670	I	68	870	2	18
700	I	75	2700	6	75	4700	I I	75	6700	I 6	75	8700	2 I	75
8		02	28		07	48		12	68		17	88		22
80		20	280		70	480	I	20	680	I	70	880	2	20
800	2	00	2800	7	00	4800	I 2	00	6800	I 7	00	8800	2 2	00
9		02	29		07	49		12	69		17	89		22
90		23	290		73	490	I	23	690	I	73	890	2	23
900	2	25	2900	7	25	4900	I 2	25	6900	I 7	25	8900	2 2	25
10		03	30		08	50		13	70		18	90		23
100		25	300		75	500	I	25	700	I	75	900	2	25
1000	2	50	3000	7	50	5000	I 2	50	7000	I 7	50	9000	2 2	50
11		03	31		08	51		13	71		18	91		23
110		28	310		78	510	I	28	710	I	78	910	2	28
1100	2	75	3100	7	75	5100	I 2	75	7100	I 7	75	9100	2 2	75
12		03	32		08	52		13	72		18	92		23
120		30	320		80	520	I	30	720	I	80	920	2	30
1200	3	00	3200	8	00	5200	I 3	00	7200	I 8	00	9200	2 3	00
13		03	33		08	53		13	73		18	93		23
130		33	330		83	530	I	33	730	I	83	930	2	33
1300	3	25	3300	8	25	5300	I 3	25	7300	I 8	25	9300	2 3	25
14		04	34		09	54		14	74		19	94		24
140		35	340		85	540	I	35	740	I	85	940	2	35
1400	3	50	3400	8	50	5400	I 3	50	7400	I 8	50	9400	2 3	50
15		04	35		09	55		14	75		19	95		24
150		38	350		88	550	I	38	750	I	88	950	2	38
1500	3	75	3500	8	75	5500	I 3	75	7500	I 8	75	9500	2 3	75
16		04	36		09	56		14	76		19	96		24
160		40	360		90	560	I	40	760	I	90	960	2	40
1600	4	00	3600	9	00	5600	I 4	00	7600	I 9	00	9600	2 4	00
17		04	37		09	57		14	77		19	97		24
170		43	370		93	570	I	43	770	I	93	970	2	43
1700	4	25	3700	9	25	5700	I 4	25	7700	I 9	25	9700	2 4	25
18		05	38		10	58		15	78		20	98		25
180		45	380		95	580	I	45	780	I	95	980	2	45
1800	4	50	3800	9	50	5800	I 4	50	7800	I 9	50	9800	2 4	50
19		05	39		10	59		15	79		20	99		25
190		48	390		98	590	I	48	790	I	98	990	2	48
1900	4	75	3900	9	75	5900	I 4	75	7900	I 9	75	9900	2 4	75
20		05	40		10	60		15	80		20	100		25
200		50	400		I 00	600	I	50	800	2	00	1000	2	50
2000	5	00	4000	I 0	00	6000	I 5	00	8000	2 0	00	10,000	2 5	00

POUNDS.

2000 POUNDS ONE TON.

\$5.20

26 CENTS.

\$5.20

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		05	41		11	61		16	81		21
10		03	210		55	410		107	610		59	810	2	11
100		26	2100	5	46	4100	10	66	6100	15	86	8100	21	06
2		01	22		06	42		11	62		16	82		21
20		05	220		57	420		109	620		61	820	2	13
200		52	2200	5	72	4200	10	92	6200	16	12	8200	21	32
3		01	23		06	43		11	63		16	83		22
30		08	230		60	430		112	630		64	830	2	16
300		78	2300	5	98	4300	11	18	6300	16	38	8300	21	58
4		01	24		06	44		11	64		17	84		22
40		10	240		62	440		114	640		67	840	2	18
400	1	04	2400	6	24	4400	11	44	6400	16	64	8400	21	84
5		01	25		07	45		12	65		17	85		22
50		13	250		65	450		117	650		69	850	2	21
500	1	30	2500	6	50	4500	11	70	6500	16	90	8500	22	10
6		02	26		07	46		12	66		17	86		22
60		16	260		68	460		120	660		72	860	2	24
600	1	56	2600	6	76	4600	11	96	6600	17	16	8600	22	36
7		02	27		07	47		12	67		17	87		23
70		18	270		70	470		122	670		74	870	2	26
700	1	82	2700	7	02	4700	12	22	6700	17	42	8700	22	62
8		02	28		07	48		12	68		18	88		23
80		21	280		73	480		125	680		77	880	2	29
800	2	08	2800	7	28	4800	12	48	6800	17	68	8800	22	88
9		02	29		08	49		13	69		18	89		23
90		23	290		75	490		127	690		79	890	2	31
900	2	34	2900	7	54	4900	12	74	6900	17	94	8900	23	14
10		03	30		08	50		13	70		18	90		23
100		26	300		78	500		130	700		82	900	2	34
1000	2	60	3000	7	80	5000	13	00	7000	18	20	9000	23	40
11		03	31		08	51		13	71		18	91		24
110		29	310		81	510		133	710		85	910	2	37
1100	2	86	3100	8	06	5100	13	26	7100	18	46	9100	23	66
12		03	32		08	52		14	72		19	92		24
120		31	320		83	520		135	720		87	920	2	39
1200	3	12	3200	8	32	5200	13	52	7200	18	72	9200	23	92
13		03	33		09	53		14	73		19	93		24
130		34	330		86	530		138	730		90	930	2	42
1300	3	38	3300	8	58	5300	13	78	7300	18	98	9300	24	18
14		04	34		09	54		14	74		19	94		24
140		36	340		88	540		140	740		92	940	2	44
1400	3	64	3400	8	84	5400	14	04	7400	19	24	9400	24	44
15		04	35		09	55		14	75		20	95		25
150		39	350		91	550		143	750		95	950	2	47
1500	3	90	3500	9	10	5500	14	30	7500	19	50	9500	24	70
16		04	36		09	56		15	76		20	96		25
160		42	360		94	560		146	760		98	960	2	50
1600	4	16	3600	9	36	5600	14	56	7600	19	76	9600	24	96
17		04	37		10	57		15	77		20	97		25
170		44	370		96	570		148	770		200	970	2	52
1700	4	42	3700	9	62	5700	14	82	7700	20	02	9700	25	22
18		05	38		10	58		15	78		20	98		25
180		47	380		99	580		151	780		203	980	2	55
1800	4	68	3800	9	88	5800	15	08	7800	20	28	9800	25	48
19		05	39		10	59		15	79		21	99		26
190		49	390		101	590		153	790		205	990	2	57
1900	4	94	3900	10	14	5900	15	34	7900	20	54	9900	25	74
20		05	40		10	60		16	80		21	100		26
200		52	400		104	600		156	800		208	1000	2	60
2000	5	20	4000	10	40	6000	15	60	8000	20	80	10,000	26	00

POUNDS.

2000 POUNDS ONE TON.

\$5.40			27 CENTS.									\$5.40		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		06	41		11	61		16	81		22
10		03	210		57	410	I	11	610	I	65	810	2	19
100		27	2100	5	67	4100	I	07	6100	I	647	8100	21	87
2		01	22		06	42		11	62		17	82		22
20		05	220		59	420	I	13	620	I	67	820	2	21
200		54	2200	5	94	4200	I	34	6200	I	674	8200	22	14
3		01	23		06	43		12	63		17	83		22
30		08	230		62	430	I	16	630	I	70	830	2	24
300		81	2300	6	21	4300	I	61	6300	I	701	8300	22	41
4		01	24		06	44		12	64		17	84		23
40		11	240		65	440	I	19	640	I	73	840	2	27
400	I	08	2400	6	48	4400	I	88	6400	I	728	8400	22	68
5		01	25		07	45		12	65		18	85		23
50		14	250		68	450	I	22	650	I	76	850	2	30
500	I	35	2500	6	75	4500	I	215	6500	I	755	8500	22	95
6		02	26		07	46		12	66		18	86		23
60		16	260		70	460	I	24	660	I	78	860	2	32
600	I	62	2600	7	02	4600	I	242	6600	I	782	8600	23	22
7		02	27		07	47		13	67		18	87		23
70		19	270		73	470	I	27	670	I	81	870	2	35
700	I	89	2700	7	29	4700	I	269	6700	I	809	8700	23	49
8		02	28		08	48		13	68		18	88		24
80		22	280		76	480	I	30	680	I	84	880	2	38
800	2	16	2800	7	56	4800	I	296	6800	I	836	8800	23	76
9		02	29		08	49		13	69		19	89		24
90		24	290		78	490	I	32	690	I	86	890	2	40
900	2	43	2900	7	83	4900	I	323	6900	I	863	8900	24	03
10		03	30		08	50		14	70		19	90		24
100		27	300		81	500	I	35	700	I	89	900	2	43
1000	2	70	3000	8	10	5000	I	350	7000	I	890	9000	24	30
11		03	31		08	51		14	71		19	91		25
110		30	310		84	510	I	38	710	I	92	910	2	46
1100	2	97	3100	8	37	5100	I	377	7100	I	917	9100	24	57
12		03	32		09	52		14	72		19	92		25
120		32	320		86	520	I	40	720	I	94	920	2	48
1200	3	24	3200	8	64	5200	I	404	7200	I	944	9200	24	84
13		04	33		09	53		14	73		20	93		25
130		35	330		89	530	I	43	730	I	97	930	2	51
1300	3	51	3300	8	91	5300	I	431	7300	I	971	9300	25	11
14		04	34		09	54		15	74		20	94		25
140		38	340		92	540	I	46	740	I	200	940	2	54
1400	3	78	3400	9	18	5400	I	458	7400	I	998	9400	25	38
15		04	35		09	55		15	75		20	95		26
150		41	350		95	550	I	49	750	I	203	950	2	57
1500	4	05	3500	9	45	5500	I	485	7500	I	2025	9500	25	65
16		04	36		10	56		15	76		21	96		26
160		43	360		97	560	I	51	760	I	205	960	2	59
1600	4	32	3600	9	72	5600	I	512	7600	I	2052	9600	25	92
17		05	37		10	57		15	77		21	97		26
170		46	370	I	00	570	I	54	770	I	208	970	2	62
1700	4	59	3700	9	99	5700	I	539	7700	I	2079	9700	26	19
18		05	38		10	58		16	78		21	98		26
180		49	380	I	03	580	I	57	780	I	211	980	2	65
1800	4	86	3800	10	26	5800	I	566	7800	I	2106	9800	26	46
19		05	39		11	59		16	79		21	99		27
190		51	390	I	05	590	I	59	790	I	213	990	2	67
1900	5	13	3900	10	53	5900	I	593	7900	I	2133	9900	26	73
20		05	40		11	60		16	80		22	100		27
200		54	400	I	08	600	I	62	800	I	216	1000	2	70
2000	5	40	4000	10	80	6000	I	620	8000	I	2160	10,000	27	00

POUNDS.

2000 POUNDS ONE TON.

\$5.60			28 CENTS.			\$5.60								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		06	41		11	61		17	81		23
10		03	210		59	410	I	15	610	I	71	810	2	27
100		28	2100	5	88	4100	I I	48	6100	I 7	08	8100	22	68
2		01	22		06	42		12	62		17	82		23
20		06	220		62	420	I	18	620	I	74	820	2	30
200		56	2200	6	16	4200	I I	76	6200	I 7	36	8200	22	96
3		01	23		06	43		12	63		18	83		23
30		08	230		64	430	I	20	630	I	76	830	2	32
300		84	2300	6	44	4300	I 2	04	6300	I 7	64	8300	23	24
4		01	24		07	44		12	64		18	84		24
40		11	240		67	440	I	23	640	I	79	840	2	35
400	I	12	2400	6	72	4400	I 2	32	6400	I 7	92	8400	23	52
5		01	25		07	45		13	65		18	85		24
50		14	250		70	450	I	26	650	I	82	850	2	38
500	I	40	2500	7	00	4500	I 2	60	6500	I 8	20	8500	23	80
6		02	26		07	46		13	66		18	86		24
60		17	260		73	460	I	29	660	I	85	860	2	41
600	I	68	2600	7	28	4600	I 2	88	6600	I 8	48	8600	24	08
7		02	27		08	47		13	67		19	87		24
70		20	270		76	470	I	32	670	I	88	870	2	44
700	I	96	2700	7	56	4700	I 3	16	6700	I 8	76	8700	24	36
8		02	28		08	48		13	68		19	88		25
80		22	280		78	480	I	34	680	I	90	880	2	46
800	2	24	2800	7	84	4800	I 3	44	6800	I 9	04	8800	24	64
9		03	29		08	49		14	69		19	89		25
90		25	290		81	490	I	37	690	I	93	890	2	49
900	2	52	2900	8	12	4900	I 3	72	6900	I 9	32	8900	24	92
10		03	30		08	50		14	70		20	90		25
100		28	300		84	500	I	40	700	I	96	900	2	52
1000	2	80	3000	8	40	5000	I 4	00	7000	I 9	60	9000	25	20
11		03	31		09	51		14	71		20	91		25
110		31	310		87	510	I	43	710	I	99	910	2	55
1100	3	08	3100	8	68	5100	I 4	28	7100	I 9	88	9100	25	48
12		03	32		09	52		15	72		20	92		26
120		34	320		90	520	I	46	720	2	02	920	2	56
1200	3	36	3200	8	96	5200	I 4	56	7200	20	16	9200	25	76
13		04	33		09	53		15	73		20	93		26
130		36	330		92	530	I	48	730	2	04	930	2	60
1300	3	64	3300	9	24	5300	I 4	84	7300	20	44	9300	26	04
14		04	34		10	54		15	74		21	94		20
140		39	340		95	540	I	51	740	2	07	940	2	63
1400	3	92	3400	9	52	5400	I 5	12	7400	20	72	9400	26	32
15		04	35		10	55		15	75		21	95		27
150		42	350		98	550	I	54	750	2	10	950	2	66
1500	4	20	3500	9	80	5500	I 5	40	7500	21	00	9500	26	60
16		04	36		10	56		16	76		21	96		27
160		45	360	I	01	560	I	57	760	2	13	960	2	69
1600	4	48	3600	I 0	08	5600	I 5	68	7600	21	28	9600	26	88
17		05	37		10	57		16	77		22	97		27
170		48	370	I	04	570	I	60	770	2	16	970	2	72
1700	4	76	3700	I 0	36	5700	I 5	96	7700	21	56	9700	27	16
18		05	38		10	58		16	78		22	98		27
180		50	380	I	06	580	I	62	780	2	18	980	2	74
1800	5	04	3800	I 0	64	5800	I 6	24	7800	21	84	9800	27	44
19		05	39		11	59		17	79		22	99		28
190		53	390	I	09	590	I	65	790	2	21	990	2	77
1900	5	32	3900	I 0	92	5900	I 6	52	7900	22	12	9900	27	72
20		06	40		11	60		17	80		22	100		28
200		56	400	I	12	600	I	68	800	2	24	1000	2	80
2000	5	60	4000	I I	20	6000	I 6	80	8000	22	40	10,000	28	00

POUNDS.

2000 POUNDS ONE TON.

\$5.80			29 CENTS.			\$5.80		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		06	41		12
10		03	210		61	410		19
100		29	2100	6	09	4100	11	89
2		01	22		06	42		12
20		06	220		64	420		22
200		58	2200	6	38	4200	12	18
3		01	23		07	43		12
30		09	230		67	430		25
300		87	2300	6	67	4300	12	47
4		01	24		07	44		13
40		12	240		70	440		28
400	1	16	2400	6	96	4400	12	76
5		01	25		07	45		13
50		15	250		73	450		31
500	1	45	2500	7	25	4500	13	05
6		02	26		08	46		13
60		17	260		75	460		33
600	1	74	2600	7	54	4600	13	34
7		02	27		08	47		14
70		20	270		78	470		36
700	2	03	2700	7	83	4700	13	63
8		02	28		08	48		14
80		23	280		81	480		39
800	2	32	2800	8	12	4800	13	92
9		03	29		08	49		14
90		26	290		84	490		42
900	2	61	2900	8	41	4900	14	21
10		03	30		09	50		15
100		29	300		87	500		45
1000	2	90	3000	8	70	5000	14	50
11		03	31		09	51		15
110		32	310		90	510		48
1100	3	19	3100	8	99	5100	14	79
12		03	32		09	52		15
120		35	320		93	520		51
1200	3	48	3200	9	28	5200	15	08
13		04	33		10	53		15
130		38	330		96	530		54
1300	3	77	3300	9	57	5300	15	37
14		04	34		10	54		16
140		41	340		99	540		57
1400	4	06	3400	9	86	5400	15	66
15		04	35		10	55		16
150		44	350		102	550		60
1500	4	35	3500	10	15	5500	15	95
16		05	36		10	56		16
160		46	360		104	560		62
1600	4	64	3600	10	44	5600	16	24
17		05	37		11	57		17
170		49	370		107	570		65
1700	4	93	3700	10	73	5700	16	53
18		05	38		11	58		17
180		52	380		110	580		68
1800	5	22	3800	11	02	5800	16	82
19		06	39		11	59		17
190		55	390		113	590		71
1900	5	51	3900	11	31	5900	17	11
20		06	40		12	60		17
200		58	400		116	600		74
2000	5	80	4000	11	60	6000	17	40
61		18	81		23	610		17
610		77	810		235	6100	17	69
62		18	82		24	620		18
620		80	820		238	6200	17	98
63		18	83		24	630		18
630		83	830		241	6300	18	27
64		19	84		24	640		18
640		86	840		244	6400	18	56
65		19	85		25	650		19
650		89	850		247	6500	18	85
66		19	86		25	660		19
660		91	860		249	6600	19	14
67		19	87		25	670		19
670		94	870		252	6700	19	43
68		20	88		26	680		20
680		97	880		255	6800	19	72
69		20	89		26	690		20
690		00	890		258	6900	20	01
70		20	90		26	700		20
700		03	900		261	7000	20	30
71		21	91		26	710		21
710		05	910		264	7100	20	59
72		21	92		27	720		21
720		09	920		267	7200	20	88
73		21	93		27	730		21
730		12	930		270	7300	21	17
74		21	94		27	740		21
740		15	940		273	7400	21	46
75		22	95		28	750		22
750		18	950		276	7500	21	75
76		22	96		28	760		22
760		20	960		278	7600	22	04
77		22	97		28	770		22
770		23	970		281	7700	22	33
78		22	98		28	780		23
780		26	980		284	7800	22	62
79		23	99		29	790		23
790		29	990		287	7900	22	91
80		23	100		29	800		23
800		32	1000		290	8000	23	20
8100		20	10,000		2900			

POUNDS.

2000 POUNDS ONE TON.

\$6.00			30 CENTS.			\$6.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		06	41		12	61		18	81		24
10		03	210		63	410	I	23	610	I	83	810	2	43
100		30	2100	6	30	4100	I 2	30	6100	I 8	30	8100	24	30
2		01	22		07	42		13	62		19	82		25
20		06	220		66	420	I	26	620	I	86	820	2	46
200		60	2200	6	60	4200	I 2	60	6200	I 8	60	8200	24	60
3		01	23		07	43		13	63		19	83		25
30		09	230		69	430	I	29	630	I	89	830	2	49
300		90	2300	6	90	4300	I 2	90	6300	I 8	90	8300	24	90
4		01	24		07	44		13	64		19	84		25
40		12	240		72	440	I	32	640	I	92	840	2	52
400	I	20	2400	7	20	4400	I 3	20	6400	I 9	20	8400	25	20
5		01	25		08	45		14	65		20	85		26
50		15	250		75	450	I	35	650	I	95	850	2	55
500	I	50	2500	7	50	4500	I 3	50	6500	I 9	50	8500	25	50
6		02	26		08	46		14	66		20	86		26
60		18	260		78	460	I	38	660	I	98	860	2	58
600	I	80	2600	7	80	4600	I 3	80	6600	I 9	80	8600	25	80
7		02	27		08	47		14	67		20	87		26
70		21	270		81	470	I	41	670	2	01	870	2	61
700	2	10	2700	8	10	4700	I 4	10	6700	2 0	10	8700	26	10
8		02	28		08	48		14	68		20	88		26
80		24	280		84	480	I	44	680	2	04	880	2	64
800	2	40	2800	8	40	4800	I 4	40	6800	2 0	40	8800	26	40
9		03	29		09	49		15	69		21	89		27
90		27	290		87	490	I	47	690	2	07	890	2	67
900	2	70	2900	8	70	4900	I 4	70	6900	2 0	70	8900	26	70
10		03	30		09	50		15	70		21	90		27
100		30	300		90	500	I	50	700	2	10	900	2	70
1000	3	00	3000	9	00	5000	I 5	00	7000	2 I	00	9000	27	00
11		03	31		09	51		15	71		21	91		27
110		33	310		93	510	I	53	710	2	13	910	2	73
1100	3	30	3100	9	30	5100	I 5	30	7100	2 I	30	9100	27	30
12		04	32		10	52		16	72		22	92		28
120		36	320		96	520	I	56	720	2	16	920	2	76
1200	3	60	3200	9	60	5200	I 5	60	7200	2 I	60	9200	27	60
13		04	33		10	53		16	73		22	93		28
130		39	330		99	530	I	59	730	2	19	930	2	79
1300	3	90	3300	9	90	5300	I 5	90	7300	2 I	90	9300	27	90
14		04	34		10	54		16	74		22	94		28
140		42	340	I	02	540	I	62	740	2	22	940	2	82
1400	4	20	3400	I 0	20	5400	I 6	20	7400	2 2	20	9400	28	20
15		05	35		11	55		17	75		23	95		29
150		45	350	I	05	550	I	65	750	2	25	950	2	85
1500	4	50	3500	I 0	50	5500	I 6	50	7500	2 2	50	9500	28	50
16		05	36		11	56		17	76		23	96		29
160		48	360	I	08	560	I	68	760	2	28	960	2	88
1600	4	80	3600	I 0	80	5600	I 6	80	7600	2 2	80	9600	28	80
17		05	37		11	57		17	77		23	97		29
170		51	370	I	11	570	I	71	770	2	31	970	2	91
1700	5	10	3700	I I	10	5700	I 7	10	7700	2 3	10	9700	29	10
18		05	38		11	58		17	78		23	98		29
180		54	380	I	14	580	I	74	780	2	34	980	2	94
1800	5	40	3800	I I	40	5800	I 7	40	7800	2 3	40	9800	29	40
19		06	39		11	59		18	79		24	99		30
190		57	390	I	17	590	I	77	790	2	37	990	2	97
1900	5	70	3900	I I	70	5900	I 7	70	7900	2 3	70	9900	29	70
20		06	40		12	60		18	80		24	100		30
200		60	400	I	20	600	I	80	800	2	40	1000	3	00
2000	6	00	4000	I 2	00	6000	I 8	00	8000	24	00	10,000	30	00

POUNDS.

2000 POUNDS ONE TON.

\$6.20

31 CENTS.

\$6.20

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		07	41		13	61		19	81		25
10		03	210		65	410	I	27	610	I	89	810	2	51
100		31	2100	6	51	4100	I 2	71	6100	I 8	91	8100	25	11
2		01	22		07	42		13	62		19	82		25
20		06	220		68	420	I	30	620	I	92	820	2	54
200		62	2200	6	82	4200	I 3	02	6200	I 9	22	8200	25	42
3		01	23		07	43		13	63		20	83		26
30		09	230		71	430	I	33	630	I	95	830	2	57
300		93	2300	7	13	4300	I 3	33	6300	I 9	53	8300	25	73
4		01	24		07	44		14	64		20	84		26
40		12	240		74	440	I	36	640	I	99	840	2	60
400	I	24	2400	7	44	4400	I 3	64	6400	I 9	84	8400	26	04
5		02	25		08	45		14	65		20	85		26
50		16	250		78	450	I	40	650	2	02	850	2	64
500	I	55	2500	7	75	4500	I 3	95	6500	20	15	8500	26	35
6		02	26		08	46		14	66		20	86		27
60		19	260		81	460	I	43	660	2	05	860	2	67
600	I	86	2600	8	06	4600	I 4	26	6600	20	46	8600	26	66
7		02	27		08	47		15	67		21	87		27
70		22	270		84	470	I	46	670	2	08	870	2	70
700	2	17	2700	8	37	4700	I 4	57	6700	20	77	8700	26	97
8		02	28		09	48		15	68		21	88		27
80		25	280		87	480	I	49	680	2	11	880	2	73
800	2	48	2800	8	68	4800	I 4	88	6800	21	08	8800	27	28
9		03	29		09	49		15	69		21	89		28
90		28	290		90	490	I	52	690	2	14	890	2	76
900	2	79	2900	8	99	4900	I 5	19	6900	21	39	8900	27	59
10		03	30		09	50		16	70		22	90		28
100		31	300		93	500	I	55	700	2	17	900	2	79
1000	3	10	3000	9	30	5000	I 5	50	7000	21	70	9000	27	90
11		03	31		10	51		16	71		22	91		28
110		34	310		96	510	I	58	710	2	20	910	2	82
1100	3	41	3100	9	61	5100	I 5	81	7100	22	01	9100	28	21
12		04	32		10	52		16	72		22	92		29
120		37	320		99	520	I	61	720	2	23	920	2	85
1200	3	72	3200	9	92	5200	I 6	12	7200	22	32	9200	28	52
13		04	33		10	53		16	73		23	93		29
130		40	330	I	02	530	I	64	730	2	26	930	2	88
1300	4	03	3300	I 0	23	5300	I 6	43	7300	22	63	9300	28	83
14		04	34		11	54		17	74		23	94		29
140		43	340	I	05	540	I	67	740	2	29	940	2	91
1400	4	34	3400	I 0	54	5400	I 6	74	7400	22	94	9400	29	14
15		05	35		11	55		17	75		23	95		29
150		47	350	I	09	550	I	71	750	2	33	950	2	95
1500	4	65	3500	I 0	85	5500	I 7	05	7500	23	25	9500	29	45
16		05	36		11	56		17	76		24	96		30
160		50	360	I	12	560	I	74	760	2	36	960	2	98
1600	4	96	3600	I 1	16	5600	I 7	36	7600	23	56	9600	29	76
17		05	37		11	57		18	77		24	97		30
170		53	370	I	15	570	I	77	770	2	39	970	3	00
1700	5	27	3700	I 1	47	5700	I 7	67	7700	23	87	9700	30	07
18		06	38		12	58		18	78		24	98		30
180		56	380	I	18	580	I	80	780	2	42	980	3	04
1800	5	58	3800	I 1	78	5800	I 7	98	7800	24	18	9800	30	38
19		06	39		12	59		18	79		24	99		31
190		59	390	I	21	590	I	83	790	2	45	990	3	07
1900	5	84	3900	I 2	09	5900	I 8	29	7900	24	49	9900	30	69
20		06	40		12	60		19	80		25	100		31
200		62	400	I	24	600	I	86	800	2	48	1000	3	10
2000	6	20	4000	I 2	40	6000	I 8	60	8000	24	80	10,000	31	00

2000 POUNDS ONE TON.

\$6.40			32 CENTS.									\$6.40		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		07	41		13	61		20	81		26
10		03	210		67	410	I	31	610	I	95	810	2	59
100		32	2100	6	72	4100	I3	12	6100	I9	52	8100	25	92
2		01	22		07	42		13	62		20	82		26
20		06	220		70	420	I	34	620	I	98	820	2	62
200		64	2200	7	04	4200	I3	44	6200	I9	84	8200	26	24
3		01	23		07	43		14	63		20	83		27
30		10	230		74	430	I	38	630	2	02	830	2	66
300		96	2300	7	36	4300	I3	76	6300	20	16	8300	26	56
4		01	24		08	44		14	64		20	84		27
40		13	240		77	440	I	41	640	2	05	840	2	69
400	I	28	2400	7	68	4400	I4	08	6400	20	48	8400	26	88
5		02	25		08	45		14	65		21	85		27
50		16	250		80	450	I	44	650	2	08	850	2	72
500	I	60	2500	8	00	4500	I4	40	6500	20	80	8500	27	20
6		02	26		08	46		15	66		21	86		28
60		19	260		83	460	I	47	660	2	11	860	2	75
600	I	92	2600	8	32	4600	I4	72	6600	21	12	8600	27	52
7		02	27		09	47		15	67		21	87		28
70		22	270		86	470	I	50	670	2	15	870	2	78
700	2	24	2700	8	64	4700	I5	04	6700	21	44	8700	27	84
8		03	28		09	48		15	68		22	88		28
80		26	280		90	480	I	54	680	2	18	880	2	82
800	2	56	2800	8	96	4800	I5	36	6800	21	76	8800	28	16
9		03	29		09	49		16	69		22	89		28
90		29	290		93	490	I	57	690	2	21	890	2	85
900	2	88	2900	9	28	4900	I5	68	6900	22	08	8900	28	48
10		03	30		10	50		16	70		22	90		29
100		32	300		96	500	I	60	700	2	24	900	2	88
1000	3	20	3000	9	60	5000	I6	00	7000	22	40	9000	28	80
11		04	31		10	51		16	71		23	91		29
110		35	310		99	510	I	63	710	2	27	910	2	91
1100	3	52	3100	9	92	5100	I6	32	7100	22	72	9100	29	12
12		04	32		10	52		17	72		23	92		29
120		38	320	I	02	520	I	66	720	2	30	920	2	94
1200	3	84	3200	I0	24	5200	I6	64	7200	23	04	9200	29	44
13		04	33		11	53		17	73		23	93		30
130		42	330	I	06	530	I	70	730	2	34	930	2	98
1300	4	16	3300	I0	56	5300	I6	96	7300	23	36	9300	29	76
14		04	34		11	54		17	74		24	94		30
140		45	340	I	09	540	I	73	740	2	37	940	3	01
1400	4	48	3400	I0	88	5400	I7	28	7400	23	68	9400	30	08
15		05	35		11	55		18	75		24	95		30
150		48	350	I	12	550	I	76	750	2	40	950	3	04
1500	4	80	3500	I1	20	5500	I7	60	7500	24	00	9500	30	40
16		05	36		12	56		18	76		24	96		31
160		51	360	I	15	560	I	79	760	2	43	960	3	07
1600	5	12	3600	I1	52	5600	I7	92	7600	24	32	9600	30	72
17		05	37		12	57		18	77		25	97		31
170		54	370	I	18	570	I	82	770	2	46	970	3	10
1700	5	44	3700	I1	84	5700	I8	24	7700	24	64	9700	31	04
18		06	38		12	58		19	78		25	98		31
180		58	380	I	22	580	I	86	780	2	50	980	3	14
1800	5	76	3800	I2	16	5800	I8	56	7800	24	96	9800	31	36
19		06	39		12	59		19	79		25	99		32
190		61	390	I	25	590	I	89	790	2	53	990	3	17
1900	6	08	3900	I2	48	5900	I8	88	7900	25	28	9900	31	68
20		06	40		13	60		19	80		26	100		32
200		64	400	I	28	600	I	92	800	2	56	1000	3	20
2000	6	40	4000	I2	80	6000	I9	20	8000	25	60	10,000	32	00

POUNDS.

2000 POUNDS ONE TON.

\$6.60

33 CENTS.

\$6.60

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		07	41		14	61		20	81		27			
10		03	210		69	410	I	35	610	2	01	810	2	67			
100		33	2100	6	93	4100	I 3	53	6100	20	I 3	8100	26	73			
2		01	22		07	42		14	62		20	82		27			
20		07	220		73	420	I	39	620	2	05	820	2	71			
200		66	2200	7	26	4200	I 3	86	6200	20	46	8200	27	06			
3		01	23		08	43		14	63		21	83		27			
30		10	230		76	430	I	42	630	2	08	830	2	74			
300		99	2300	7	59	4300	I 4	19	6300	20	79	8300	27	39			
4		01	24		08	44		15	64		21	84		28			
40		13	240		79	440	I	45	640	2	11	840	2	77			
400	I	32	2400	7	92	4400	I 4	52	6400	21	12	8400	27	72			
5		02	25		08	45		15	65		21	85		28			
50		17	250		83	450	I	49	650	2	15	850	2	81			
500	I	65	2500	8	25	4500	I 4	85	6500	21	45	8500	28	05			
6		02	26		09	46		15	66		22	86		28			
60		20	260		86	460	I	52	660	2	18	860	2	84			
600	I	98	2600	8	58	4600	I 5	18	6600	21	78	8600	28	38			
7		02	27		09	47		16	67		22	87		28			
70		23	270		89	470	I	55	670	2	21	870	2	87			
700	2	31	2700	8	91	4700	I 5	51	6700	22	11	8700	28	71			
8		03	28		09	48		16	68		22	88		29			
80		26	280		92	480	I	58	680	2	24	880	2	90			
800	2	64	2800	9	24	4800	I 5	84	6800	22	44	8800	29	04			
9		03	29		10	49		16	69		23	89		29			
90		30	290		96	490	I	62	690	2	28	890	2	94			
900	2	97	2900	9	57	4900	I 6	17	6900	22	77	8900	29	37			
10		03	30		10	50		17	70		23	90		30			
100		33	300		99	500	I	65	700	2	31	900	2	97			
1000	3	30	3000	9	90	5000	I 6	50	7000	23	10	9000	29	70			
11		04	31		10	51		17	71		23	91		30			
110		36	310	I	02	510	I	68	710	2	34	910	3	00			
1100	3	63	3100	I 0	23	5100	I 6	83	7100	23	43	9100	30	03			
12		04	32		11	52		17	72		24	92		30			
120		40	320	I	06	520	I	72	720	2	38	920	3	04			
1200	3	96	3200	I 0	56	5200	I 7	16	7200	23	76	9200	30	36			
13		04	33		11	53		17	73		24	93		31			
130		43	330	I	09	530	I	75	730	2	41	930	3	07			
1300	4	29	3300	I 0	89	5300	I 7	49	7300	24	09	9300	30	69			
14		05	34		11	54		18	74		24	94		31			
140		46	340	I	12	540	I	78	740	2	44	940	3	10			
1400	4	62	3400	I 1	22	5400	I 7	82	7400	24	42	9400	31	02			
15		05	35		12	55		18	75		25	95		31			
150		50	350	I	16	550	I	82	750	2	46	950	3	14			
1500	4	95	3500	I 1	55	5500	I 8	15	7500	24	75	9500	31	35			
16		05	36		12	56		18	76		25	96		32			
160		53	360	I	19	560	I	85	760	2	51	960	3	17			
1600	5	28	3600	I 1	88	5600	I 8	48	7600	25	08	9600	31	68			
17		06	37		12	57		19	77		25	97		32			
170		56	370	I	22	570	I	88	770	2	54	970	3	20			
1700	5	61	3700	I 2	21	5700	I 8	81	7700	25	41	9700	32	01			
18		06	38		13	58		19	78		26	98		32			
180		59	380	I	25	580	I	91	780	2	57	980	3	23			
1800	5	94	3800	I 2	54	5800	I 9	14	7800	25	74	9800	32	34			
19		06	39		13	59		19	79		26	99		33			
190		63	390	I	29	590	I	95	790	2	61	990	3	27			
1900	6	27	3900	I 2	87	5900	I 9	47	7900	26	07	9900	32	67			
20		07	40		13	60		20	80		26	100		33			
200		66	400	I	32	600	I	98	800	2	64	1000	3	30			
2000	6	60	4000	I 3	20	6000	I 9	80	8000	26	40	10.000	33	00			

POUNDS.

2000 POUNDS ONE TON.

\$6.80

34 CENTS.

\$6.80

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		07	41		14	61		21	81		28
10		03	210		71	410	1	39	610	2	07	810	2	75
100		34	2100	7	14	4100	13	94	6100	20	74	8100	27	54
2		01	22		07	42		14	62		21	82		28
20		07	220		75	420	1	43	620	2	11	820	2	79
200		68	2200	7	48	4200	14	28	6200	21	08	8200	27	88
3		01	23		08	43		15	63		21	83		28
30		10	230		78	430	1	46	630	2	14	830	2	82
300	1	02	2300	7	82	4300	14	62	6300	21	42	8300	28	22
4		01	24		08	44		15	64		22	84		29
40		14	240		82	440	1	50	640	2	18	840	2	86
400	1	36	2400	8	16	4400	15	96	6400	21	76	8400	28	56
5		02	25		08	45		15	65		22	85		29
50		17	250		85	450	1	53	650	2	21	850	2	89
500	1	70	2500	8	50	4500	15	30	6500	22	10	8500	28	90
6		02	26		09	46		16	66		22	86		29
60		20	260		88	460	1	56	660	2	24	860	2	92
600	2	04	2600	8	84	4600	15	64	6600	22	44	8600	29	24
7		02	27		09	47		16	67		23	87		30
70		24	270		92	470	1	60	670	2	28	870	2	96
700	2	38	2700	9	18	4700	15	98	6700	22	78	8700	29	58
8		03	28		10	48		16	68		23	88		30
80		27	280		95	480	1	63	680	2	31	880	2	99
800	2	72	2800	9	52	4800	16	32	6800	23	12	8800	29	92
9		03	29		10	49		17	69		23	89		30
90		31	290		99	490	1	67	690	2	35	890	3	03
900	3	06	2900	9	86	4900	16	66	6900	23	46	8900	30	26
10		03	30		10	50		17	70		24	90		31
100		34	300	1	02	500	1	70	700	2	38	900	3	06
1000	3	40	3000	10	20	5000	17	00	7000	23	80	9000	30	60
11		04	31		11	51		17	71		24	91		31
110		37	310	1	05	510	1	73	710	2	41	910	3	09
1100	3	74	3100	10	54	5100	17	34	7100	24	14	9100	30	94
12		04	32		11	52		18	72		24	92		31
120		41	320	1	09	520	1	77	720	2	45	920	3	13
1200	4	08	3200	10	88	5200	17	68	7200	24	48	9200	31	28
13		04	33		11	53		18	73		25	93		32
130		44	330	1	12	530	1	80	730	2	48	930	3	16
1300	4	42	3300	11	22	5300	18	02	7300	24	82	9300	31	62
14		05	34		12	54		18	74		25	94		32
140		48	340	1	16	540	1	84	740	2	52	940	3	20
1400	4	76	3400	11	56	5400	18	36	7400	25	16	9400	31	96
15		05	35		12	55		19	75		26	95		32
150		51	350	1	19	550	1	87	750	2	55	950	3	23
1500	5	10	3500	11	90	5500	18	70	7500	25	50	9500	32	30
16		05	36		12	56		19	76		26	96		33
160		54	360	1	22	560	1	90	760	2	58	960	3	20
1600	5	44	3600	12	24	5600	19	04	7600	25	84	9600	32	64
17		06	37		13	57		19	77		26	97		33
170		58	370	1	26	570	1	94	770	2	62	970	3	30
1700	5	78	3700	12	58	5700	19	38	7700	26	18	9700	32	98
18		06	38		13	58		20	78		27	98		33
180		61	380	1	29	580	1	97	780	2	65	980	3	33
1800	6	12	3800	12	92	5800	19	72	7800	26	52	9800	33	32
19		06	39		13	59		20	79		27	99		34
190		65	390	1	33	590	2	01	790	2	69	990	3	37
1900	6	43	3900	13	26	5900	20	06	7900	26	86	9900	33	66
20		07	40		14	60		20	80		27	100		34
200		68	400	1	36	600	2	04	800	2	72	1000	3	40
2000	6	80	4000	13	60	6000	20	40	8000	27	20	10,000	34	00

POUNDS.

2000 POUNDS ONE TON.

\$7.00

35 CENTS.

\$7.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		07	41		14	61		21	81		28
10		04	210		74	410	1	44	610	2	14	810	2	84
100		35	2100	7	35	4100	14	35	6100	21	35	8100	28	35
2		01	22		08	42		15	62		22	82		29
20		07	220		77	420	1	47	620	2	17	820	2	87
200		70	2200	7	70	4200	14	70	6200	21	70	8200	28	70
3		01	23		08	43		15	63		22	83		29
30		11	230		81	430	1	51	630	2	21	830	2	91
300	1	05	2300	8	05	4300	15	05	6300	22	05	8300	29	05
4		01	24		08	44		15	64		22	84		29
40		14	240		84	440	1	54	640	2	24	840	2	94
400	1	40	2400	8	40	4400	15	40	6400	22	40	8400	29	40
5		02	25		09	45		16	65		23	85		30
50		18	250		88	450	1	58	650	2	28	850	2	98
500	1	75	2500	8	75	4500	15	75	6500	22	75	8500	29	75
6		02	26		09	46		16	66		23	86		30
60		21	260		91	460	1	61	660	2	31	860	3	01
600	2	10	2600	9	10	4600	16	10	6600	23	10	8600	30	10
7		02	27		09	47		17	67		23	87		30
70		25	270		95	470	1	65	670	2	35	870	3	05
700	2	45	2700	9	45	4700	16	45	6700	23	45	8700	30	45
8		03	28		10	48		17	68		24	88		31
80		28	280		98	480	1	68	680	2	38	880	3	08
800	2	80	2800	9	80	4800	16	80	6800	23	80	8800	30	80
9		03	29		10	49		17	69		24	89		31
90		32	290	1	02	490	1	72	690	2	42	890	3	12
900	3	15	2900	10	15	4900	17	15	6900	24	15	8900	31	15
10		04	30		11	50		18	70		25	90		32
100		35	300	1	05	500	1	75	700	2	45	900	3	15
1000	3	50	3000	10	50	5000	17	50	7000	24	50	9000	31	50
11		04	31		11	51		18	71		25	91		32
110		39	310	1	09	510	1	79	710	2	49	910	3	19
1100	3	85	3100	10	85	5100	17	85	7100	24	85	9100	31	85
12		04	32		11	52		18	72		25	92		32
120		42	320	1	12	520	1	82	720	2	52	920	3	22
1200	4	20	3200	11	20	5200	18	20	7200	25	20	9200	32	20
13		05	33		12	53		19	73		26	93		33
130		46	330	1	16	530	1	86	730	2	56	930	3	26
1300	4	55	3300	11	55	5300	18	55	7300	25	55	9300	32	55
14		05	34		12	54		19	74		26	94		33
140		49	340	1	19	540	1	89	740	2	59	940	3	29
1400	4	90	3400	11	90	5400	18	90	7400	25	90	9400	32	90
15		05	35		12	55		19	75		26	95		33
150		53	350	1	23	550	1	93	750	2	63	950	3	33
1500	5	25	3500	12	25	5500	19	25	7500	26	25	9500	33	25
16		06	36		13	56		20	76		27	96		34
160		56	360	1	26	560	1	96	760	2	66	960	3	36
1600	5	60	3600	12	60	5600	19	60	7600	26	60	9600	33	60
17		06	37		13	57		20	77		27	97		34
170		60	370	1	30	570	2	00	770	2	70	970	3	40
1700	5	95	3700	12	95	5700	19	95	7700	26	95	9700	33	95
18		06	38		13	58		20	78		27	98		34
180		63	380	1	33	580	2	03	780	2	73	980	3	43
1800	6	30	3800	13	30	5800	20	30	7800	27	30	9800	34	30
19		07	39		14	59		21	79		28	99		35
190		67	390	1	37	590	2	07	790	2	77	990	3	47
1900	6	05	3900	13	65	5900	20	65	7900	27	65	9900	34	65
20		07	40		14	60		21	80		28	100		35
200		70	400	1	40	600	2	10	800	2	80	1000	3	50
2000	7	00	4000	14	00	6000	21	00	8000	28	00	10.000	35	00

POUNDS.

2000 POUNDS ONE TON.

\$7.20			36 CENTS.									\$7.20		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		08	41		15	61		22	81		29
10		04	210		76	410	I	48	610	2	20	810	2	92
100		36	2100	7	56	4100	I4	76	6100	21	96	8100	29	16
2		01	22		08	42		15	62		22	82		30
20		07	220		79	420	I	51	620	2	23	820	2	95
200		72	2200	7	92	4200	I5	12	6200	22	32	8200	29	52
3		01	23		08	43		15	63		23	83		30
30		11	230		83	430	I	55	630	2	27	830	2	99
300	I	08	2300	8	28	4300	I5	48	6300	22	68	8300	29	88
4		01	24		09	44		16	64		23	84		30
40		14	240		86	440	I	58	640	2	31	840	3	02
400	I	44	2400	8	64	4400	I5	84	6400	23	04	8400	30	24
5		02	25		09	45		16	65		23	85		31
50		18	250		90	450	I	62	650	2	34	850	3	06
500	I	80	2500	9	00	4500	I6	20	6500	23	40	8500	30	60
6		02	26		09	46		17	66		24	86		31
60		22	260		94	460	I	66	660	2	38	860	3	10
600	2	16	2600	9	36	4600	I6	56	6600	23	76	8600	30	96
7		03	27		09	47		17	67		24	87		31
70		25	270		97	470	I	69	670	2	41	870	3	13
700	2	52	2700	9	72	4700	I6	92	6700	24	12	8700	31	32
8		03	28		10	48		17	68		24	88		32
80		29	280	I	00	480	I	73	680	2	45	880	3	17
800	2	88	2800	I0	08	4800	I7	28	6800	24	48	8800	31	68
9		03	29		10	49		18	69		25	89		32
90		32	290	I	04	490	I	76	690	2	48	890	3	20
900	3	24	2900	I0	44	4900	I7	64	6900	24	84	8900	32	04
10		04	30		11	50		18	70		25	90		32
100		36	300	I	08	500	I	80	700	2	52	900	3	24
1000	3	60	3000	I0	80	5000	I8	00	7000	25	20	9000	32	40
11		04	31		11	51		18	71		26	91		33
110		40	310	I	12	510	I	84	710	2	56	910	3	26
1100	3	96	3100	I1	16	5100	I8	36	7100	25	56	9100	32	76
12		04	32		12	52		19	72		26	92		33
120		43	320	I	15	520	I	87	720	2	59	920	3	31
1200	4	32	3200	I1	52	5200	I8	72	7200	25	92	9200	33	12
13		05	33		12	53		19	73		26	93		33
130		47	330	I	19	530	I	91	730	2	63	930	3	35
1300	4	68	3300	I1	88	5300	I9	08	7300	26	28	9300	33	48
14		05	34		12	54		19	74		27	94		34
140		50	340	I	22	540	I	94	740	2	66	940	3	38
1400	5	04	3400	I2	24	5400	I9	44	7400	26	64	9400	33	84
15		05	35		13	55		20	75		27	95		34
150		54	350	I	26	550	I	98	750	2	70	950	3	42
1500	5	40	3500	I2	60	5500	I9	80	7500	27	00	9500	34	20
16		06	36		13	56		20	76		27	96		35
160		58	360	I	30	560	2	02	760	2	74	960	3	46
1600	5	76	3600	I2	96	5600	20	16	7600	27	36	9600	34	56
17		06	37		13	57		21	77		28	97		35
170		61	370	I	33	570	2	05	770	2	77	970	3	49
1700	6	12	3700	I3	32	5700	20	52	7700	27	72	9700	34	92
18		06	38		14	58		21	78		28	98		35
180		65	380	I	37	580	2	09	780	2	81	980	3	53
1800	6	48	3800	I3	68	5800	20	88	7800	28	08	9800	35	28
19		07	39		14	59		21	79		28	99		30
190		68	390	I	40	590	2	12	790	2	84	990	3	56
1900	6	84	3900	I4	04	5900	21	24	7900	28	44	9900	35	64
20		07	40		14	60		22	80		29	100		36
200		72	400	I	44	600	2	16	800	2	88	1000	3	60
2000	7	20	4000	I4	40	6000	21	60	8000	28	80	10,000	36	00

POUNDS.

2000 POUNDS ONE TON.

\$7.40

37 CENTS.

\$7.40

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		08	41		15	61		23	81		30
10		04	210		78	410	I	52	610	2	26	810	3	00
100		37	2100	7	77	4100	I 5	17	6100	22	57	8100	29	97
2		01	22		08	42		16	62		23	82		30
20		07	220		81	420	I	55	620	2	29	820	3	03
200		74	2200	8	14	4200	I 5	54	6200	22	94	8200	30	34
3		01	23		09	43		16	63		23	83		31
30		11	230		85	430	I	59	630	2	33	830	3	07
300	I	11	2300	8	51	4300	I 5	91	6300	23	31	8300	30	71
4		01	24		09	44		16	64		24	84		31
40		15	240		89	440	I	63	640	2	37	840	3	11
400	I	48	2400	8	88	4400	I 6	28	6400	23	68	8400	31	08
5		02	25		09	45		17	65		24	85		31
50		19	250		93	450	I	67	650	2	41	850	3	15
500	I	85	2500	9	25	4500	I 6	65	6500	24	05	8500	31	45
6		02	26		10	46		17	66		24	86		32
60		22	260		96	460	I	70	660	2	44	860	3	18
600	2	22	2600	9	62	4600	I 7	02	6600	24	42	8600	31	82
7		03	27		10	47		17	67		25	87		32
70		26	270	I	00	470	I	74	670	2	48	870	3	22
700	2	59	2700	9	99	4700	I 7	39	6700	24	79	8700	32	19
8		03	28		10	48		18	68		25	88		33
80		30	280	I	04	480	I	78	680	2	52	880	3	20
800	2	96	2800	I 0	36	4800	I 7	76	6800	25	16	8800	32	56
9		03	29		11	49		18	69		26	89		33
90		33	290	I	07	490	I	81	690	2	55	890	3	29
900	3	33	2900	I 0	73	4900	I 8	13	6900	25	53	8900	32	93
10		04	30		11	50		19	70		26	90		33
100		37	300	I	11	500	I	85	700	2	59	900	3	33
1000	3	70	3000	I 1	10	5000	I 8	50	7000	25	90	9000	33	30
11		04	31		11	51		19	71		26	91		33
110		41	310	I	15	510	I	89	710	2	63	910	3	37
1100	4	07	3100	I 1	47	5100	I 8	87	7100	26	27	9100	33	67
12		04	32		12	52		19	72		27	92		34
120		44	320	I	18	520	I	92	720	2	66	920	3	40
1200	4	44	3200	I 1	84	5200	I 9	24	7200	26	64	9200	34	04
13		05	33		12	53		20	73		27	93		34
130		48	330	I	22	530	I	96	730	2	70	930	3	44
1300	4	81	3300	I 2	21	5300	I 9	61	7300	27	01	9300	34	41
14		05	34		13	54		20	74		27	94		35
140		52	340	I	26	540	2	00	740	2	74	940	3	48
1400	5	18	3400	I 2	58	5400	I 9	98	7400	27	38	9400	34	78
15		06	35		13	55		20	75		28	95		35
150		56	350	I	30	550	2	04	750	2	76	950	3	52
1500	5	55	3500	I 2	95	5500	2 0	35	7500	27	75	9500	35	15
16		06	36		13	56		21	76		28	96		36
160		59	360	I	33	560	2	07	760	2	81	960	3	55
1600	5	92	3600	I 3	32	5600	2 0	72	7600	28	12	9600	35	52
17		06	37		14	57		21	77		28	97		36
170		63	370	I	37	570	2	11	770	2	85	970	3	59
1700	6	29	3700	I 3	69	5700	2 I	09	7700	28	49	9700	35	89
18		07	38		14	58		21	78		29	98		36
180		67	380	I	41	580	2	15	780	2	89	980	3	63
1800	6	66	3800	I 4	06	5800	2 I	46	7800	28	86	9800	36	26
19		07	39		14	59		22	79		29	99		37
190		70	390	I	44	590	2	18	790	2	92	990	3	66
1900	7	03	3900	I 4	43	5900	2 I	83	7900	29	23	9900	36	63
20		07	40		15	60		22	80		30	100		37
200		74	400	I	48	600	2	22	800	2	96	1000	3	70
2000	7	40	4000	I 4	80	6000	2 2	20	8000	29	60	10.000	37	00

POUNDS.

2000 POUNDS ONE TON.

\$7.60

38 CENTS.

\$7.60

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		08	41		16	61		23	81		31
10		04	210		80	410	I	56	610	2	32	810	3	08
100		38	2100	7	98	4100	I 5	58	6100	23	18	8100	30	78
2		01	22		08	42		16	62		24	82		31
20		08	220		84	420	I	60	620	2	36	820	3	12
200		76	2200	8	36	4200	I 5	96	6200	23	56	8200	31	16
3		01	23		09	43		16	63		24	83		32
30		11	230		87	430	I	63	630	2	39	830	3	15
300	I	14	2300	8	74	4300	I 6	34	6300	23	94	8300	31	54
4		01	24		09	44		17	64		24	84		32
40		15	240		91	440	I	67	640	2	43	840	3	19
400	I	52	2400	9	12	4400	I 6	72	6400	24	32	8400	31	92
5		02	25		10	45		17	65		25	85		32
50		19	250		95	450	I	71	650	2	47	850	3	23
500	I	90	2500	9	50	4500	I 7	10	6500	24	70	8500	32	30
6		02	26		10	46		17	66		25	86		32
60		23	260		99	460	I	75	660	2	51	860	3	27
600	2	28	2600	9	88	4600	I 7	48	6600	25	08	8600	32	68
7		03	27		10	47		18	67		25	87		33
70		27	270	I	03	470	I	79	670	2	55	870	3	31
700	2	66	2700	I 0	26	4700	I 7	86	6700	25	46	8700	33	06
8		03	28		11	48		18	68		26	88		33
80		30	280	I	06	480	I	82	680	2	58	880	3	34
800	3	04	2800	I 0	64	4800	I 8	24	6800	25	84	8800	33	44
9		03	29		11	49		19	69		26	89		34
90		34	290	I	10	490	I	86	690	2	62	890	3	38
900	3	42	2900	I 1	02	4900	I 8	62	6900	26	22	8900	33	82
10		04	30		11	50		19	70		27	90		34
100		38	300	I	14	500	I	90	700	2	66	900	3	42
1000	3	80	3000	I 1	40	5000	I 9	00	7000	26	60	9000	34	20
11		04	31		12	51		19	71		27	91		35
110		42	310	I	18	510	I	94	710	2	70	910	3	46
1100	4	18	3100	I 1	78	5100	I 9	38	7100	26	98	9100	34	58
12		05	32		12	52		20	72		27	92		35
120		46	320	I	22	520	I	98	720	2	74	920	3	50
1200	4	56	3200	I 2	16	5200	I 9	76	7200	27	36	9200	34	96
13		05	33		13	53		20	73		28	93		35
130		49	330	I	25	530	2	01	730	2	78	930	3	53
1300	4	94	3300	I 2	54	5300	2 0	14	7300	27	74	9300	35	34
14		05	34		13	54		21	74		28	94		36
140		53	340	I	29	540	2	05	740	2	81	940	3	57
1400	5	32	3400	I 2	92	5400	2 0	52	7400	28	12	9400	35	72
15		06	35		13	55		21	75		29	95		36
150		57	350	I	33	550	2	09	750	2	85	950	3	61
1500	5	70	3500	I 3	30	5500	2 0	90	7500	28	50	9500	36	10
16		06	36		14	56		21	76		29	96		36
160		61	360	I	37	560	2	13	760	2	89	960	3	65
1600	6	08	3600	I 3	68	5600	2 1	28	7600	28	88	9600	36	48
17		06	37		14	57		22	77		29	97		37
170		65	370	I	41	570	2	17	770	2	93	970	3	69
1700	6	46	3700	I 4	06	5700	2 1	66	7700	29	26	9700	36	86
18		07	38		14	58		22	78		30	98		37
180		68	380	I	44	580	2	20	780	2	96	980	3	72
1800	6	84	3800	I 4	44	5800	2 2	04	7800	20	64	9800	37	24
19		07	39		15	59		22	79		30	99		38
190		72	390	I	48	590	2	24	790	3	00	990	3	76
1900	7	22	3900	I 4	82	5900	2 2	42	7900	30	02	9900	37	62
20		08	40		15	60		23	80		30	100		38
200		76	400	I	52	600	2	28	800	3	04	1000	3	80
2000	7	60	4000	I 5	20	6000	2 2	80	8000	30	40	10,000	38	00

POUNDS.

2000 POUNDS ONE TON.

\$7.80			39 CENTS.			\$7.80								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		08	41		16	61		24	81		32
10		04	210		82	410	I	60	610	2	38	810	3	16
100		39	2100	8	19	4100	I 5	99	6100	23	79	8100	31	59
2		01	22		09	42		16	62		24	82		32
20		08	220		80	420	I	64	620	2	42	820	3	20
200		78	2200	8	58	4200	I 6	38	6200	24	18	8200	31	98
3		01	23		09	43		17	63		25	83		32
30		12	230		90	430	I	68	630	2	46	830	3	24
300	I	17	2300	8	97	4300	I 6	77	6300	24	57	8300	32	37
4		01	24		09	44		17	64		25	84		33
40		16	240		94	440	I	72	640	2	50	840	3	28
400	I	56	2400	9	36	4400	I 7	16	6400	24	96	8400	32	76
5		02	25		10	45		18	65		25	85		33
50		20	250		98	450	I	76	650	2	54	850	3	32
500	I	95	2500	9	75	4500	I 7	55	6500	25	35	8500	33	15
6		02	26		10	46		18	66		26	86		33
60		23	260	I	01	460	I	79	660	2	57	860	3	35
600	2	34	2600	I 0	14	4600	I 7	94	6600	25	74	8600	33	54
7		03	27		11	47		18	67		26	87		34
70		27	270	I	05	470	I	83	670	2	61	870	3	39
700	2	73	2700	I 0	53	4700	I 8	33	6700	26	13	8700	33	93
8		03	28		11	48		19	68		27	88		34
80		31	280	I	09	480	I	87	680	2	65	880	3	43
800	3	12	2800	I 0	92	4800	I 8	72	6800	26	52	8800	34	32
9		04	29		11	49		19	69		27	89		35
90		35	290	I	13	490	I	91	690	2	69	890	3	47
900	3	51	2900	I 1	31	4900	I 9	11	6900	26	91	8900	34	71
10		04	30		12	50		20	70		27	90		35
100		39	300	I	17	500	I	95	700	2	73	900	3	51
1000	3	90	3000	I 1	70	5000	I 9	50	7000	27	30	9000	35	10
11		04	31		12	51		20	71		28	91		35
110		43	310	I	21	510	I	99	710	2	77	910	3	55
1100	4	29	3100	I 2	09	5100	I 9	89	7100	27	69	9100	35	49
12		05	32		12	52		20	72		28	92		36
120		47	320	I	25	520	2	03	720	2	81	920	3	59
1200	4	68	3200	I 2	48	5200	2 0	28	7200	28	08	9200	35	88
13		05	33		13	53		21	73		28	93		36
130		51	330	I	29	530	2	08	730	2	85	930	3	63
1300	5	07	3300	I 2	87	5300	2 0	67	7300	28	47	9300	36	27
14		05	34		13	54		21	74		29	94		37
140		55	340	I	33	540	2	11	740	2	89	940	3	67
1400	5	46	3400	I 3	26	5400	2 1	06	7400	28	86	9400	36	66
15		06	35		14	55		21	75		29	95		37
150		59	350	I	37	550	2	15	750	2	93	950	3	71
1500	5	85	3500	I 3	65	5500	2 1	45	7500	29	25	9500	37	05
16		06	36		14	56		22	76		30	96		37
160		62	360	I	40	560	2	18	760	2	96	960	3	74
1600	6	24	3600	I 4	04	5600	2 1	34	7600	29	64	9600	37	44
17		07	37		14	57		22	77		30	97		38
170		66	370	I	44	570	2	22	770	3	00	970	3	78
1700	6	63	3700	I 4	43	5700	2 2	23	7700	30	03	9700	37	83
18		07	38		15	58		23	78		30	98		38
180		70	380	I	48	580	2	26	780	3	04	980	3	82
1800	7	02	3800	I 4	82	5800	2 2	62	7800	30	42	9800	38	22
19		07	39		15	59		23	79		31	99		39
190		74	390	I	52	590	2	30	790	3	08	990	3	86
1900	7	41	3900	I 5	21	5900	2 3	01	7900	30	81	9900	38	61
20		08	40		16	60		23	80		31	100		39
200		78	400	I	56	600	2	34	800	3	12	1000	3	90
2000	7	80	4000	I 5	60	6000	2 3	40	8000	31	20	10,000	39	00

POUNDS.

2000 POUNDS ONE TON.

\$8.00			40 CENTS.			\$8.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		08	41		16	61		24	81		32
10		04	210		84	410	I	64	610	2	44	810	3	24
100		40	2100	8	40	4100	I 6	40	6100	24	40	8100	32	40
2		01	22		09	42		17	62		24	82		33
20		08	220		88	420	I	68	620	2	48	820	3	28
200		80	2200	8	80	4200	I 6	80	6200	24	80	8200	32	80
3		01	23		09	43		17	63		25	83		33
30		12	230		92	430	I	72	630	2	52	830	3	32
300	I	20	2300	9	20	4300	I 7	20	6300	25	20	8300	33	20
4		02	24		10	44		18	64		26	84		34
40		16	240		96	440	I	76	640	2	56	840	3	36
400	I	60	2400	9	60	4400	I 7	60	6400	25	60	8400	33	60
5		02	25		10	45		18	65		26	85		34
50		20	250	I	00	450	I	80	650	2	60	850	3	40
500	2	00	2500	I 0	00	4500	I 8	00	6500	26	00	8500	34	00
6		02	26		10	46		18	66		26	86		34
60		24	260	I	04	460	I	84	660	2	64	860	3	44
600	2	40	2600	I 0	40	4600	I 8	40	6600	26	40	8600	34	40
7		03	27		11	47		19	67		27	87		35
70		28	270	I	08	470	I	88	670	2	68	870	3	48
700	2	80	2700	I 0	80	4700	I 8	80	6700	26	80	8700	34	80
8		03	28		11	48		19	68		27	88		35
80		32	280	I	12	480	I	92	680	2	72	880	3	52
800	3	20	2800	I I	20	4800	I 9	20	6800	27	20	8800	35	20
9		04	29		12	49		20	69		28	89		35
90		36	290	I	16	490	I	96	690	2	76	890	3	56
900	3	60	2900	I I	60	4900	I 9	60	6900	27	60	8900	35	60
10		04	30		12	50		20	70		28	90		36
100		40	300	I	20	500	2	00	700	2	80	900	3	60
1000	4	00	3000	I 2	00	5000	20	00	7000	28	00	9000	36	00
11		04	31		12	51		20	71		28	91		34
110		44	310	I	24	510	2	04	710	2	84	910	3	64
1100	4	40	3100	I 2	40	5100	20	40	7100	28	40	9100	36	40
12		05	32		13	52		21	72		29	92		37
120		48	320	I	28	520	2	08	720	2	88	920	3	68
1200	4	80	3200	I 2	80	5200	20	80	7200	28	80	9200	36	80
13		05	33		13	53		21	73		29	93		37
130		52	330	I	32	530	2	12	730	2	92	930	3	72
1300	5	20	3300	I 3	20	5300	2 I	20	7300	29	20	9300	37	20
14		06	34		14	54		22	74		30	94		38
140		56	340	I	36	540	2	16	740	2	96	940	3	76
1400	5	60	3400	I 3	00	5400	2 I	60	7400	29	60	9400	37	60
15		06	35		14	55		22	75		30	95		38
150		60	350	I	40	550	2	20	750	3	00	950	3	80
1500	6	00	3500	I 4	00	5500	22	00	7500	30	00	9500	38	00
16		06	36		14	56		22	76		30	96		38
160		64	360	I	44	560	2	24	760	3	04	960	3	84
1600	6	40	3600	I 4	40	5600	22	40	7600	30	40	9600	38	40
17		07	37		15	57		23	77		31	97		39
170		68	370	I	48	570	2	28	770	3	08	970	3	88
1700	6	80	3700	I 4	80	5700	22	80	7700	30	80	9700	38	80
18		07	38		15	58		24	78		31	98		39
180		72	380	I	52	580	2	32	780	3	12	980	3	92
1800	7	20	3800	I 5	20	5800	23	20	7800	31	20	9800	39	20
19		08	39		15	59		24	79		32	99		40
190		76	390	I	56	590	2	36	790	3	16	990	3	96
1900	7	60	3900	I 5	60	5900	23	60	7900	31	60	9900	39	60
20		08	40		16	60		24	80		32	100		40
200		80	400	I	60	600	2	40	800	3	20	1000	4	00
2000	8	00	4000	I 6	00	6000	24	00	8000	32	00	10,000	40	00

POUNDS.

2000 POUNDS ONE TON.

\$8.20			41 CENTS.			\$8.20								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		09	41		17	61		25	81		33
10		04	210		86	410	I	68	610	2	50	810	3	32
100		41	2100	8	61	4100	I 6	81	6100	25	01	8100	33	21
2		01	22		09	42		17	62		25	82		34
20		08	220		90	420	I	72	620	2	54	820	3	36
200		82	2200	9	02	4200	I 7	22	6200	25	42	8200	33	62
3		01	23		09	43		18	63		26	83		34
30		I 2	230		94	430	I	76	630	2	58	830	3	40
300	I	23	2300	9	43	4300	I 7	63	6300	25	83	8300	34	03
4		02	24		I 0	44		I 8	64		26	84		34
40		I 6	240		98	440	I	80	640	2	62	840	3	44
400	I	64	2400	9	84	4400	I 8	04	6400	26	24	8400	34	44
5		02	25		I 0	45		I 8	65		27	85		35
50		21	250	I	03	450	I	85	650	2	67	850	3	49
500	2	05	2500	I 0	25	4500	I 8	45	6500	26	65	8500	34	85
6		02	26		I 1	46		I 9	66		27	86		35
60		25	260	I	07	460	I	89	660	2	71	860	3	53
600	2	46	2600	I 0	66	4600	I 8	86	6600	27	06	8600	35	26
7		03	27		I 1	47		I 9	67		27	87		36
70		29	270	I	11	470	I	93	670	2	75	870	3	57
700	2	87	2700	I 1	07	4700	I 9	27	6700	27	47	8700	35	67
8		03	28		I 1	48		20	68		28	88		36
80		33	280	I	15	480	I	97	680	2	79	880	3	61
800	3	28	2800	I 1	48	4800	I 9	68	6800	27	88	8800	36	08
9		04	29		12	49		20	69		28	89		36
90		37	290	I	19	490	2	01	690	2	83	890	3	65
900	3	69	2900	I 1	89	4900	20	09	6900	28	29	8900	36	49
10		04	30		12	50		21	70		29	90		37
100		41	300	I	23	500	2	05	700	2	87	900	3	69
1000	4	10	3000	I 2	30	5000	20	50	7000	28	70	9000	36	90
11		05	31		13	51		21	71		29	91		37
110		45	310	I	27	510	2	09	710	2	91	910	3	73
1100	4	51	3100	I 2	71	5100	20	91	7100	29	11	9100	37	31
12		05	32		13	52		21	72		30	92		38
120		49	320	I	31	520	2	13	720	2	95	920	3	77
1200	4	92	3200	I 3	12	5200	21	32	7200	29	52	9200	37	72
13		05	33		14	53		22	73		30	93		38
130		53	330	I	35	530	2	17	730	2	99	930	3	81
1300	5	33	3300	I 3	53	5300	21	73	7300	29	93	9300	38	13
14		06	34		14	54		22	74		30	94		38
140		57	340	I	39	540	2	21	740	3	03	940	3	85
1400	5	74	3400	I 3	94	5400	22	14	7400	30	34	9400	38	54
15		06	35		14	55		23	75		31	95		39
150		62	350	I	44	550	2	26	750	3	08	950	3	90
1500	6	15	3500	I 4	35	5500	22	55	7500	30	75	9500	38	95
16		07	36		15	56		23	76		31	96		39
160		66	360	I	48	560	2	30	760	3	12	960	3	94
1600	6	56	3600	I 4	76	5600	22	96	7600	31	16	9600	39	36
17		07	37		15	57		23	77		32	97		40
170		70	370	I	52	570	2	34	770	3	16	970	3	98
1700	6	97	3700	I 5	17	5700	23	37	7700	31	57	9700	39	77
18		07	38		16	58		24	78		32	98		40
180		74	380	I	56	580	2	38	780	3	20	980	4	02
1800	7	38	3800	I 5	58	5800	23	78	7800	31	98	9800	40	18
19		08	39		16	59		24	79		32	99		41
190		78	390	I	60	590	2	42	790	3	24	990	4	06
1900	7	79	3900	I 5	99	5900	24	19	7900	32	39	9900	40	59
20		08	40		16	60		25	80		33	100		41
200		82	400	I	64	600	2	46	800	3	28	1000	4	10
2000	8	20	4000	I 6	40	6000	24	60	8000	32	80	10,000	41	00

POUNDS.

2000 POUNDS ONE TON.

\$8.40			42 CENTS.			\$8.40								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		09	41		17	61		26	81		34
10		04	210		88	410	I	72	610	2	56	810	3	40
100		42	2100	8	82	4100	I7	22	6100	25	62	8100	34	02
2		01	22		09	42		18	62		26	82		34
20		08	220		92	420	I	76	620	2	60	820	3	44
200		84	2200	9	24	4200	I7	64	6200	26	04	8200	34	44
3		01	23		10	43		18	63		26	83		35
30		13	230		97	430	I	81	630	2	65	830	3	49
300	I	26	2300	9	66	4300	I8	06	6300	26	46	8300	34	86
4		02	24		10	44		18	64		27	84		35
40		17	240	I	01	440	I	85	640	2	69	840	3	53
400	I	68	2400	I0	08	4400	I8	48	6400	26	88	8400	35	28
5		02	25		11	45		19	65		27	85		36
50		21	250	I	05	450	I	89	650	2	73	850	3	57
500	2	10	2500	I0	50	4500	I8	90	6500	27	30	8500	35	70
6		02	26		11	46		19	66		28	86		36
60		25	260	I	09	460	I	93	660	2	77	860	3	61
600	2	52	2600	I0	92	4600	I9	32	6600	27	72	8600	36	12
7		03	27		11	47		20	67		28	87		37
70		29	270	I	13	470	I	97	670	2	81	870	3	65
700	2	94	2700	I1	34	4700	I9	74	6700	28	14	8700	36	54
8		03	28		12	48		20	68		29	88		37
80		34	280	I	18	480	2	02	680	2	86	880	3	70
800	3	36	2800	I1	76	4800	20	16	6800	28	56	8800	36	96
9		04	29		12	49		21	69		29	89		37
90		38	290	I	22	490	2	06	690	2	90	890	3	74
900	3	78	2900	I2	18	4900	20	58	6900	28	98	8900	37	38
10		04	30		13	50		21	70		29	90		38
100		42	300	I	26	500	2	10	700	2	94	900	3	78
1000	4	20	3000	I2	60	5000	21	00	7000	29	40	9000	37	80
11		05	31		13	51		21	71		30	91		38
110		46	310	I	30	510	2	14	710	2	98	910	3	82
1100	4	62	3100	I3	02	5100	21	42	7100	29	82	9100	38	22
12		05	32		13	52		22	72		30	92		39
120		50	320	I	34	520	2	18	720	3	02	920	3	86
1200	5	04	3200	I3	44	5200	21	84	7200	30	24	9200	38	64
13		05	33		14	53		22	73		31	93		39
130		55	330	I	39	530	2	23	730	3	07	930	3	91
1300	5	46	3300	I3	86	5300	22	26	7300	30	66	9300	39	06
14		06	34		14	54		23	74		31	94		39
140		59	340	I	43	540	2	27	740	3	11	940	3	95
1400	5	88	3400	I4	28	5400	22	68	7400	31	08	9400	39	48
15		06	35		15	55		23	75		32	95		40
150		63	350	I	47	550	2	31	750	3	15	950	3	99
1500	6	30	3500	I4	70	5500	23	10	7500	31	50	9500	39	90
16		07	36		15	56		24	76		32	96		40
160		67	360	I	51	560	2	35	760	3	19	960	4	03
1600	6	72	3600	I5	12	5600	23	52	7600	31	92	9600	40	32
17		07	37		16	57		24	77		32	97		41
170		71	370	I	55	570	2	39	770	3	23	970	4	07
1700	7	14	3700	I5	54	5700	23	94	7700	32	34	9700	40	74
18		08	38		16	58		24	78		33	98		41
180		76	380	I	60	580	2	44	780	3	28	980	4	12
1800	7	56	3800	I5	96	5800	24	36	7800	32	76	9800	41	16
19		08	39		16	59		25	79		33	99		42
190		80	390	I	64	590	2	48	790	3	32	990	4	16
1900	7	98	3900	I6	38	5900	24	78	7900	33	18	9900	41	58
20		08	40		17	60		25	80		34	100		42
200		84	400	I	68	600	2	52	800	3	36	1000	4	20
2000	8	40	4000	I6	80	6000	25	20	8000	33	60	10,000	42	00

POUNDS.

2000 POUNDS ONE TON.

\$8.60			43 CENTS			\$8.60								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		09	41		18	61		26	81		35
10		04	210		90	410	1	76	610	2	62	810	3	48
100		43	2100	9	03	4100	17	63	6100	26	23	8100	34	83
2		01	22		09	42		18	62		27	82		35
20		09	220		95	420	1	81	620	2	67	820	3	53
200		86	2200	9	46	4200	18	06	6200	26	66	8200	35	26
3		01	23		10	43		18	63		27	83		36
30		13	230		99	430	1	85	630	2	71	830	3	57
300	1	29	2300	9	59	4300	18	49	6300	27	09	8300	35	69
4		02	24		10	44		19	64		28	84		36
40		17	240	1	03	440	1	89	640	2	75	840	3	61
400	1	72	2400	10	32	4400	18	92	6400	27	52	8400	36	12
5		02	25		11	45		19	65		28	85		37
50		22	250	1	08	450	1	95	650	2	80	850	3	66
500	2	15	2500	10	75	4500	19	35	6500	27	95	8500	36	55
6		03	26		11	46		20	66		28	86		37
60		26	260	1	12	460	1	98	660	2	84	860	3	70
600	2	58	2600	11	18	4600	19	78	6600	28	38	8600	36	98
7		03	27		12	47		20	67		29	87		37
70		30	270	1	16	470	2	02	670	2	88	870	3	74
700	3	01	2700	11	61	4700	20	21	6700	28	81	8700	37	41
8		03	28		12	48		21	68		29	88		38
80		34	280	1	20	480	2	06	680	2	92	880	3	78
800	3	44	2800	12	04	4800	20	64	6800	29	24	8800	37	84
9		04	29		12	49		21	69		30	89		38
90		39	290	1	25	490	2	11	690	2	97	890	3	83
900	3	87	2900	12	47	4900	21	07	6900	29	67	8900	38	27
10		04	30		13	50		22	70		30	90		39
100		43	300	1	29	500	2	15	700	3	01	900	3	87
1000	4	30	3000	12	90	5000	21	50	7000	30	10	9000	38	70
11		05	31		13	51		22	71		31	91		39
110		47	310	1	33	510	2	19	710	3	05	910	3	91
1100	4	73	3100	13	33	5100	21	93	7100	30	53	9100	39	13
12		05	32		14	52		22	72		31	92		40
120		52	320	1	38	520	2	24	720	3	10	920	3	96
1200	5	16	3200	13	76	5200	22	36	7200	30	96	9200	39	56
13		06	33		14	53		23	73		31	93		40
130		56	330	1	42	530	2	28	730	3	14	930	4	00
1300	5	59	3300	14	19	5300	22	79	7300	31	39	9300	39	99
14		06	34		15	54		23	74		32	94		40
140		60	340	1	46	540	2	32	740	3	18	940	4	04
1400	6	02	3400	14	62	5400	23	22	7400	31	82	9400	40	42
15		06	35		15	55		24	75		32	95		41
150		65	350	1	51	550	2	37	750	3	23	950	4	09
1500	6	45	3500	15	05	5500	23	65	7500	32	25	9500	40	85
16		07	36		15	56		24	76		33	96		41
160		69	360	1	55	560	2	41	760	3	27	960	4	13
1600	6	88	3600	15	48	5600	24	08	7600	32	68	9600	41	28
17		07	37		16	57		25	77		33	97		42
170		73	370	1	59	570	2	45	770	3	31	970	4	17
1700	7	31	3700	15	91	5700	24	51	7700	33	11	9700	41	71
18		08	38		16	58		25	78		34	98		42
180		77	380	1	63	580	2	49	780	3	35	980	4	21
1800	7	74	3800	16	34	5800	24	94	7800	33	54	9800	42	14
19		08	39		17	59		25	79		34	99		43
190		82	390	1	68	590	2	54	790	3	40	990	4	26
1900	8	17	3900	16	77	5900	25	37	7900	33	97	9900	42	57
20		09	40		17	60		26	80		34	100		43
200		86	400	1	72	600	2	58	800	3	44	1000	4	30
2000	8	60	4000	17	20	6000	25	80	8000	34	40	10,000	43	00

POUNDS.

2000 POUNDS ONE TON.

\$8.80

44 CENTS.

\$8.80

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		09	41		18	61		27	81		36
10		04	210		92	410	1	80	610	2	68	810	3	56
100		44	2100	9	24	4100	18	04	6100	26	84	8100	35	64
2		01	22		10	42		18	62		27	82		36
20		09	220		97	420	1	85	620	2	73	820	3	61
200		88	2200	9	68	4200	18	48	6200	27	28	8200	36	08
3		01	23		10	43		19	63		28	83		37
30		13	230	1	01	430	1	89	630	2	77	830	3	65
300	1	32	2300	10	12	4300	18	92	6300	27	72	8300	36	52
4		02	24		11	44		19	64		28	84		37
40		18	240	1	06	440	1	94	640	2	82	840	3	70
400	1	76	2400	10	56	4400	19	36	6400	28	16	8400	36	96
5		02	25		11	45		20	65		29	85		37
50		22	250	1	10	450	1	98	650	2	86	850	3	74
500	2	20	2500	11	00	4500	19	80	6500	28	60	8500	37	40
6		03	26		11	46		20	66		29	86		38
60		26	260	1	14	460	2	02	660	2	90	860	3	78
600	2	64	2600	11	44	4600	20	24	6600	29	04	8600	37	84
7		03	27		12	47		21	67		29	87		38
70		31	270	1	19	470	2	07	670	2	95	870	3	83
700	3	08	2700	11	88	4700	20	68	6700	29	48	8700	38	28
8		04	28		12	48		21	68		30	88		39
80		35	280	1	23	480	2	11	680	2	99	880	3	87
800	3	52	2800	12	32	4800	21	12	6800	29	92	8800	38	72
9		04	29		13	49		22	69		30	89		39
90		40	290	1	28	490	2	16	690	3	04	890	3	92
900	3	96	2900	12	76	4900	21	56	6900	30	36	8900	39	16
10		04	30		13	50		22	70		31	90		40
100		44	300	1	32	500	2	20	700	3	08	900	3	96
1000	4	40	3000	13	20	5000	22	00	7000	30	80	9000	39	60
11		05	31		14	51		22	71		31	91		40
110		48	310	1	36	510	2	24	710	3	12	910	4	00
1100	4	84	3100	13	64	5100	22	44	7100	31	24	9100	40	04
12		05	32		14	52		23	72		32	92		40
120		53	320	1	41	520	2	29	720	3	17	920	4	05
1200	5	28	3200	14	08	5200	22	88	7200	31	68	9200	40	48
13		06	33		15	53		23	73		32	93		41
130		57	330	1	45	530	2	33	730	3	21	930	4	09
1300	5	72	3300	14	52	5300	23	32	7300	32	12	9300	40	92
14		06	34		15	54		24	74		33	94		41
140		62	340	1	50	540	2	38	740	3	26	940	4	14
1400	6	16	3400	14	96	5400	23	76	7400	32	56	9400	41	36
15		07	35		15	55		24	75		33	95		42
150		66	350	1	54	550	2	42	750	3	30	950	4	18
1500	6	60	3500	15	40	5500	24	20	7500	33	00	9500	41	80
16		07	36		16	56		25	76		33	96		42
160		70	360	1	58	560	2	46	760	3	34	960	4	22
1600	7	04	3600	15	84	5600	24	64	7600	33	44	9600	42	24
17		07	37		16	57		25	77		34	97		43
170		75	370	1	63	570	2	51	770	3	39	970	4	27
1700	7	48	3700	16	28	5700	25	08	7700	33	88	9700	42	68
18		08	38		17	58		26	78		34	98		43
180		79	380	1	67	580	2	55	780	3	43	980	4	31
1800	7	92	3800	16	72	5800	25	52	7800	34	32	9800	43	12
19		08	39		17	59		26	79		35	99		44
190		84	390	1	72	590	2	60	790	3	48	990	4	36
1900	8	36	3900	17	16	5900	25	96	7900	34	76	9900	43	56
20		09	40		18	60		26	80		35	100		44
200		88	400	1	76	600	2	64	800	3	52	1000	4	40
2000	8	80	4000	17	60	6000	26	40	8000	35	20	10,000	44	00

2000 POUNDS ONE TON.

\$9.00			45 CENTS.			\$9.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		09	41		18	61		27	81		36
10		05	210		95	410	I	85	610	2	75	810	3	65
100		45	2100	9	45	4100	I 8	45	6100	27	45	8100	36	45
2		01	22		10	42		19	62		29	82		37
20		09	220		99	420	I	89	620	2	79	820	3	69
200		90	2200	9	90	4200	I 8	90	6200	27	90	8200	36	90
3		01	23		10	43		19	63		28	83		37
30		14	230	I	04	430	I	94	630	2	84	830	3	74
300	I	35	2300	I 0	35	4300	I 9	35	6300	28	35	8300	37	35
4		02	24		11	44		20	64		29	84		38
40		18	240	I	08	440	I	98	640	2	88	840	3	78
400	I	80	2400	I 0	80	4400	I 9	80	6400	28	80	8400	37	80
5		02	25		11	45		20	65		29	85		38
50		23	250	I	13	450	2	03	650	2	93	850	3	83
500	2	25	2500	I I	25	4500	2 0	25	6500	29	25	8500	38	25
6		03	26		12	46		21	66		30	86		39
60		27	260	I	18	460	2	07	660	2	97	860	3	87
600	2	70	2600	I I	70	4600	2 0	70	6600	29	70	8600	38	70
7		03	27		12	47		21	67		30	87		39
70		32	270	I	22	470	2	12	670	3	02	870	3	92
700	3	15	2700	I 2	15	4700	2 I	15	6700	30	15	8700	39	15
8		04	28		13	48		22	68		31	88		40
80		36	280	I	26	480	2	16	680	3	06	880	3	96
800	3	60	2800	I 2	60	4800	2 I	60	6800	30	60	8800	39	60
9		04	29		13	49		22	69		31	89		40
90		41	290	I	31	490	2	21	690	3	11	890	4	01
900	4	05	2900	I 3	05	4900	2 2	05	6900	31	05	8900	40	05
10		05	30		14	50		23	70		32	90		41
100		45	300	I	35	500	2	25	700	3	15	900	4	05
1000	4	50	3000	I 3	50	5000	2 2	50	7000	31	50	9000	40	50
11		05	31		14	51		23	71		32	91		41
110		50	310	I	40	510	2	30	710	3	20	910	4	10
1100	4	95	3100	I 3	95	5100	2 2	95	7100	31	95	9100	40	95
12		05	32		14	52		23	72		32	92		41
120		54	320	I	44	520	2	34	720	3	24	920	4	14
1200	5	40	3200	I 4	40	5200	2 3	40	7200	32	40	9200	41	40
13		06	33		15	53		24	73		33	93		42
130		59	330	I	49	530	2	39	730	3	29	930	4	19
1300	5	85	3300	I 4	85	5300	2 3	85	7300	32	85	9300	41	85
14		06	34		15	54		24	74		33	94		42
140		63	340	I	53	540	2	43	740	3	33	940	4	23
1400	6	30	3400	I 5	30	5400	2 4	30	7400	33	30	9400	42	30
15		07	35		16	55		25	75		34	95		43
150		68	350	I	58	550	2	48	750	3	38	950	4	28
1500	6	75	3500	I 5	75	5500	2 4	75	7500	33	75	9500	42	75
16		07	36		16	56		25	76		34	96		43
160		72	360	I	62	560	2	52	760	3	42	960	4	32
1600	7	20	3600	I 6	20	5600	2 5	20	7600	34	20	9600	43	20
17		08	37		17	57		26	77		35	97		44
170		77	370	I	67	570	2	57	770	3	47	970	4	37
1700	7	65	3700	I 6	65	5700	2 5	65	7700	34	65	9700	43	65
18		08	38		17	58		26	78		35	98		44
180		81	380	I	71	580	2	61	780	3	51	980	4	41
1800	8	10	3800	I 7	10	5800	2 6	10	7800	35	10	9800	44	10
19		09	39		18	59		27	79		36	99		45
190		86	390	I	76	590	2	66	790	3	56	990	4	46
1900	8	55	3900	I 7	55	5900	2 6	55	7900	35	55	9900	44	55
20		09	40		18	60		27	80		36	100		45
200		90	400	I	80	600	2	70	800	3	60	1000	4	50
2000	9	00	4000	I 8	00	6000	27	00	8000	36	00	10,000	45	00

2000 POUNDS ONE TON.

344

POUNDS.

2000 POUNDS ONE TON.

\$9.40

47 CENTS.

\$9.40

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		10	41		19	61		29	81		38
10		05	210		99	410	I	93	610	2	87	810	3	81
100		47	2100	9	87	4100	I 9	27	6100	2 8	67	8100	3 8	07
2		01	22		10	42		20	62		29	82		39
20		09	220	I	03	420	I	97	620	2	91	820	3	85
200		94	2200	I 0	34	4200	I 9	74	6200	2 9	14	8200	3 8	54
3		01	23		11	43		20	63		30	83		39
30		14	230	I	08	430	2	02	630	2	96	830	3	90
300	I	41	2300	I 0	81	4300	2 0	21	6300	2 9	61	8300	3 9	01
4		02	24		11	44		21	64		30	84		39
40		19	240	I	13	440	2	07	640	3	01	840	3	95
400	I	88	2400	I 1	28	4400	2 0	68	6400	3 0	08	8400	3 9	48
5		02	25		12	45		21	65		31	85		40
50		24	250	I	18	450	2	12	650	3	06	850	4	00
500	2	35	2500	I 1	75	4500	2 1	15	6500	3 0	55	8500	3 9	95
6		03	26		12	46		22	66		31	86		40
60		28	260	I	22	460	2	16	660	3	10	860	4	04
600	2	82	2600	I 2	22	4600	2 1	62	6600	3 1	02	8600	4 0	42
7		03	27		13	47		22	67		31	87		41
70		33	270	I	27	470	2	21	670	3	15	870	4	09
700	3	29	2700	I 2	69	4700	2 2	09	6700	3 1	49	8700	4 0	89
8		04	28		13	48		23	68		32	88		41
80		38	280	I	32	480	2	25	680	3	20	880	4	14
800	3	76	2800	I 3	16	4800	2 2	56	6800	3 1	96	8800	4 1	36
9		04	29		14	49		23	69		32	89		42
90		42	290	I	36	490	2	30	690	3	24	890	4	18
900	4	23	2900	I 3	63	4900	2 3	03	6900	3 2	43	8900	4 1	83
10		05	30		14	50		24	70		33	90		42
100		47	300	I	41	500	2	35	700	3	29	900	4	23
1000	4	70	3000	I 4	10	5000	2 3	50	7000	3 2	90	9000	4 2	30
11		05	31		15	51		24	71		33	91		43
110		52	310	I	46	510	2	40	710	3	34	910	4	28
1100	5	17	3100	I 4	57	5100	2 3	97	7100	3 3	37	9100	4 2	77
12		06	32		15	52		24	72		34	92		43
120		56	320	I	50	520	2	44	720	3	38	920	4	32
1200	5	64	3200	I 5	04	5200	2 4	44	7200	3 3	84	9200	4 3	24
13		06	33		16	53		25	73		34	93		44
130		61	330	I	55	530	2	49	730	3	43	930	4	37
1300	6	11	3300	I 5	51	5300	2 4	91	7300	3 4	31	9300	4 3	71
14		07	34		16	54		25	74		35	94		44
140		66	340	I	60	540	2	54	740	3	48	940	4	42
1400	6	58	3400	I 5	98	5400	2 5	38	7400	3 4	78	9400	4 4	18
15		07	35		16	55		26	75		35	95		45
150		71	350	I	65	550	2	59	750	3	53	950	4	47
1500	7	05	3500	I 6	45	5500	2 5	85	7500	3 5	25	9500	4 4	65
16		08	36		17	56		26	76		36	96		45
160		75	360	I	69	560	2	63	760	3	57	960	4	51
1600	7	52	3600	I 6	92	5600	2 6	32	7600	3 5	72	9600	4 5	12
17		08	37		17	57		27	77		36	97		46
170		80	370	I	74	570	2	68	770	3	62	970	4	56
1700	7	99	3700	I 7	39	5700	2 6	79	7700	3 6	19	9700	4 5	59
18		08	38		18	58		27	78		37	98		46
180		85	380	I	79	580	2	73	780	3	67	980	4	61
1800	8	46	3800	I 7	86	5800	2 7	26	7800	3 6	66	9800	4 6	06
19		09	39		18	59		28	79		37	99		47
190		89	390	I	83	590	2	77	790	3	71	990	4	65
1900	8	93	3900	I 8	33	5900	2 7	73	7900	3 7	13	9900	4 6	53
20		09	40		19	60		28	80		38	100		47
200		94	400	I	88	600	2	82	800	3	76	1000	4	70
2000	9	40	4000	I 8	80	6000	2 8	20	8000	3 7	60	10,000	4 7	00

POUNDS.

2000 POUNDS ONE TON.

\$9.60

48 CENTS.

\$9.60

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		10	41		20	61		29	81		39
10		05	210	I	01	410	I	97	610	2	93	810	3	89
100		48	2100	10	08	4100	19	68	6100	29	28	8100	38	88
2		01	22		11	42		20	62		30	82		39
20		10	220	I	06	420	2	02	620	2	98	820	3	94
200		96	2200	10	56	4200	20	16	6200	29	76	8200	39	36
3		01	23		11	43		21	63		30	83		40
30		14	230	I	10	430	2	06	630	3	02	830	3	98
300	I	44	2300	11	04	4300	20	64	6300	30	24	8300	39	84
4		02	24		12	44		21	64		31	84		40
40		19	240	I	15	440	2	11	640	3	07	840	4	03
400	I	92	2400	11	52	4400	21	12	6400	30	72	8400	40	32
5		02	25		12	45		22	65		31	85		41
50		24	250	I	20	450	2	16	650	3	12	850	4	08
500	2	40	2500	12	00	4500	21	60	6500	31	20	8500	40	80
6		03	26		12	46		22	66		32	86		41
60		29	260	I	25	460	2	21	660	3	17	860	4	13
600	2	88	2600	12	48	4600	22	08	6600	31	68	8600	41	28
7		03	27		13	47		23	67		32	87		42
70		34	270	I	30	470	2	26	670	3	22	870	4	18
700	3	36	2700	12	96	4700	22	56	6700	32	16	8700	41	76
8		04	28		13	48		23	68		33	88		42
80		38	280	I	34	480	2	30	680	3	26	880	4	22
800	3	84	2800	13	44	4800	23	04	6800	32	64	8800	42	24
9		04	29		14	49		24	69		33	89		43
90		43	290	I	39	490	2	35	690	3	31	890	4	27
900	4	32	2900	13	92	4900	23	52	6900	33	12	8900	42	72
10		05	30		14	50		24	70		34	90		43
100		48	300	I	44	500	2	40	700	3	36	900	4	32
1000	4	80	3000	14	40	5000	24	00	7000	33	60	9000	43	20
11		05	31		15	51		24	71		34	91		44
110		53	310	I	49	510	2	45	710	3	41	910	4	37
1100	5	28	3100	14	88	5100	24	48	7100	34	08	9100	43	68
12		06	32		15	52		25	72		35	92		44
120		58	320	I	54	520	2	50	720	3	46	920	4	42
1200	5	76	3200	15	36	5200	24	96	7200	34	56	9200	44	16
13		06	33		16	53		25	73		35	93		45
130		62	330	I	58	530	2	54	730	3	50	930	4	46
1300	6	24	3300	15	84	5300	25	44	7300	35	04	9300	44	64
14		07	34		16	54		26	74		36	94		45
140		67	340	I	63	540	2	59	740	3	55	940	4	51
1400	6	72	3400	16	32	5400	25	92	7400	35	52	9400	45	12
15		07	35		17	55		26	75		36	95		46
150		72	350	I	68	550	2	64	750	3	60	950	4	56
1500	7	20	3500	16	80	5500	26	40	7500	36	00	9500	45	60
16		08	36		17	56		27	76		36	96		46
160		77	360	I	73	560	2	69	760	3	65	960	4	61
1600	7	68	3600	17	28	5600	26	88	7600	36	48	9600	46	08
17		08	37		18	57		27	77		37	97		47
170		81	370	I	78	570	2	74	770	3	70	970	4	66
1700	8	16	3700	17	76	5700	27	36	7700	36	96	9700	46	56
18		09	38		18	58		28	78		37	98		47
180		86	380	I	82	580	2	78	780	3	74	980	4	70
1800	8	64	3800	18	24	5800	27	84	7800	37	44	9800	47	04
19		09	39		19	59		28	79		38	99		48
190		91	390	I	87	590	2	83	790	3	79	990	4	75
1900	9	12	3900	18	72	5900	28	32	7900	37	92	9900	47	52
20		10	40		19	60		29	80		38	100		48
200		96	400	I	92	600	2	88	800	3	84	1000	4	80
2000	9	60	4000	19	20	6000	28	80	8000	38	40	10,000	48	00

POUNDS.

2000 POUNDS ONE TON.

\$9.80			49 CENTS									\$9.80		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		10	41		20	61		30	81		40
10		05	210	I	03	410	2	01	610	2	99	810	3	97
100		49	2100	I O	29	4100	2 O	09	6100	2 9	89	8100	3 9	69
2		01	22		11	42		21	62		30	82		40
20		10	220	I	08	420	2	06	620	3	04	820	4	02
200		98	2200	I O	78	4200	2 O	58	6200	3 O	38	8200	4 O	18
3		01	23		11	43		21	63		31	83		41
30		15	230	I	13	430	2	11	630	3	09	830	4	07
300	I	47	2300	I I	27	4300	2 I	07	6300	3 O	87	8300	4 O	67
4		02	24		12	44		22	64		31	84		41
40		20	240	I	18	440	2	16	640	3	14	840	4	12
400	I	96	2400	I I	76	4400	2 I	56	6400	3 I	36	8400	4 I	16
5		02	25		12	45		22	65		32	85		42
50		25	250	I	23	450	2	21	650	3	19	850	4	17
500	2	45	2500	I 2	25	4500	2 2	05	6500	3 I	85	8500	4 I	65
6		03	26		13	46		23	66		32	86		42
60		29	260	I	27	460	2	25	660	3	23	860	4	21
600	2	94	2600	I 2	74	4600	2 2	54	6600	3 2	34	8600	4 2	14
7		03	27		13	47		23	67		33	87		43
70		34	270	I	32	470	2	30	670	3	28	870	4	26
700	3	43	2700	I 3	23	4700	2 3	03	6700	3 2	83	8700	4 2	63
8		04	28		14	48		24	68		33	88		43
80		39	280	I	37	480	2	35	680	3	33	880	4	31
800	3	92	2800	I 3	72	4800	2 3	52	6800	3 3	32	8800	4 3	12
9		04	29		14	49		24	69		34	89		44
90		44	290	I	42	490	2	40	690	3	38	890	4	36
900	4	41	2900	I 4	21	4900	2 4	01	6900	3 3	81	8900	4 3	61
10		05	30		15	50		25	70		34	90		44
100		49	300	I	47	500	2	45	700	3	43	900	4	41
1000	4	90	3000	I 4	70	5000	2 4	50	7000	3 4	30	9000	4 4	10
11		05	31		15	51		25	71		35	91		45
110		54	310	I	52	510	2	50	710	3	48	910	4	45
1100	5	39	3100	I 5	19	5100	2 4	99	7100	3 4	79	9100	4 4	59
12		06	32		16	52		25	72		35	92		45
120		59	320	I	57	520	2	55	720	3	53	920	4	51
1200	5	88	3200	I 5	68	5200	2 5	48	7200	3 5	28	9200	4 5	08
13		06	33		16	53		26	73		36	93		46
130		64	330	I	62	530	2	60	730	3	58	930	4	56
1300	6	37	3300	I 6	17	5300	2 5	97	7300	3 5	77	9300	4 5	57
14		07	34		17	54		26	74		36	94		46
140		69	340	I	67	540	2	65	740	3	63	940	4	61
1400	6	86	3400	I 6	66	5400	2 6	46	7400	3 6	26	9400	4 6	06
15		07	35		17	55		27	75		37	95		47
150		74	350	I	74	550	2	70	750	3	68	950	4	66
1500	7	35	3500	I 7	15	5500	2 6	95	7500	3 6	75	9500	4 6	55
16		08	36		18	56		27	76		37	96		47
160		78	360	I	76	560	2	74	760	3	72	960	4	70
1600	7	84	3600	I 7	64	5600	2 7	44	7600	3 7	24	9600	4 7	04
17		08	37		18	57		28	77		38	97		48
170		83	370	I	81	570	2	79	770	3	77	970	4	75
1700	8	33	3700	I 8	13	5700	2 7	93	7700	3 7	73	9700	4 7	53
18		09	38		19	58		28	78		38	98		48
180		88	380	I	86	580	2	84	780	3	82	980	4	80
1800	8	82	3800	I 8	62	5800	2 8	42	7800	3 8	22	9800	4 8	02
19		09	39		19	59		29	79		39	99		49
190		93	390	I	91	590	2	89	790	3	87	990	4	85
1900	9	31	3900	I 9	11	5900	2 8	91	7900	3 8	71	9900	4 8	51
20		10	40		20	60		29	80		39	100		49
200		98	400	I	96	600	2	94	800	3	92	1000	4	90
2000	9	80	4000	I 9	60	6000	2 9	40	8000	3 9	20	10 000	4 9	00

POUNDS.

2000 POUNDS ONE TON.

\$10.00

50 CENTS.

\$10.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		1 1	41		2 1	61		3 1	81		4 1
10		0 5	210		1 0 5	410		2 0 5	610		3 0 5	810		4 0 5
100		5 0	2100		1 0 5 0	4100		2 0 5 0	6100		3 0 5 0	8100		4 0 5 0
2		0 1	22		1 1	42		2 1	62		3 1	82		4 1
20		1 0	220		1 1 0	420		2 1 0	620		3 1 0	820		4 1 0
200		1 0 0	2200		1 1 0 0	4200		2 1 0 0	6200		3 1 0 0	8200		4 1 0 0
3		0 2	23		1 2	43		2 2	63		3 2	83		4 2
30		1 5	230		1 1 5	430		2 1 5	630		3 1 5	830		4 1 5
300		1 5 0	2300		1 1 5 0	4300		2 1 5 0	6300		3 1 5 0	8300		4 1 5 0
4		0 2	24		1 2	44		2 2	64		3 2	84		4 2
40		2 0	240		1 2 0	440		2 2 0	640		3 2 0	840		4 2 0
400		2 0 0	2400		1 2 0 0	4400		2 2 0 0	6400		3 2 0 0	8400		4 2 0 0
5		0 3	25		1 3	45		2 3	65		3 3	85		4 3
50		2 5	250		1 2 5	450		2 2 5	650		3 2 5	850		4 2 5
500		2 5 0	2500		1 2 5 0	4500		2 2 5 0	6500		3 2 5 0	8500		4 2 5 0
6		0 3	26		1 3	46		2 3	66		3 3	86		4 3
60		3 0	260		1 3 0	460		2 3 0	660		3 3 0	860		4 3 0
600		3 0 0	2600		1 3 0 0	4600		2 3 0 0	6600		3 3 0 0	8600		4 3 0 0
7		0 4	27		1 4	47		2 4	67		3 4	87		4 4
70		3 5	270		1 3 5	470		2 3 5	670		3 3 5	870		4 3 5
700		3 5 0	2700		1 3 5 0	4700		2 3 5 0	6700		3 3 5 0	8700		4 3 5 0
8		0 4	28		1 4	48		2 4	68		3 4	88		4 4
80		4 0	280		1 4 0	480		2 4 0	680		3 4 0	880		4 4 0
800		4 0 0	2800		1 4 0 0	4800		2 4 0 0	6800		3 4 0 0	8800		4 4 0 0
9		0 5	29		1 5	49		2 5	69		3 5	89		4 5
90		4 5	290		1 4 5	490		2 4 5	690		3 4 5	890		4 4 5
900		4 5 0	2900		1 4 5 0	4900		2 4 5 0	6900		3 4 5 0	8900		4 4 5 0
10		0 5	30		1 5	50		2 5	70		3 5	90		4 5
100		5 0	300		1 5 0	500		2 5 0	700		3 5 0	900		4 5 0
1000		5 0 0	3000		1 5 0 0	5000		2 5 0 0	7000		3 5 0 0	9000		4 5 0 0
11		0 6	31		1 6	51		2 6	71		3 6	91		4 6
110		5 0	310		1 5 5	510		2 5 5	710		3 5 5	910		4 5 5
1100		5 0 0	3100		1 5 5 0	5100		2 5 5 0	7100		3 5 5 0	9100		4 5 5 0
12		0 6	32		1 6	52		2 6	72		3 6	92		4 6
120		6 0	320		1 6 0	520		2 6 0	720		3 6 0	920		4 6 0
1200		6 0 0	3200		1 6 0 0	5200		2 6 0 0	7200		3 6 0 0	9200		4 6 0 0
13		0 7	33		1 7	53		2 7	73		3 7	93		4 7
130		6 5	330		1 6 5	530		2 6 5	730		3 6 5	930		4 6 5
1300		6 5 0	3300		1 6 5 0	5300		2 6 5 0	7300		3 6 5 0	9300		4 6 5 0
14		0 7	34		1 7	54		2 7	74		3 7	94		4 7
140		7 0	340		1 7 0	540		2 7 0	740		3 7 0	940		4 7 0
1400		7 0 0	3400		1 7 0 0	5400		2 7 0 0	7400		3 7 0 0	9400		4 7 0 0
15		0 8	35		1 8	55		2 8	75		3 8	95		4 8
150		7 5	350		1 7 5	550		2 7 5	750		3 7 5	950		4 7 5
1500		7 5 0	3500		1 7 5 0	5500		2 7 5 0	7500		3 7 5 0	9500		4 7 5 0
16		0 8	36		1 8	56		2 8	76		3 8	96		4 8
160		8 0	360		1 8 0	560		2 8 0	760		3 8 0	960		4 8 0
1600		8 0 0	3600		1 8 0 0	5600		2 8 0 0	7600		3 8 0 0	9600		4 8 0 0
17		0 9	37		1 9	57		2 9	77		3 9	97		4 9
170		8 5	370		1 8 5	570		2 8 5	770		3 8 5	970		4 8 5
1700		8 5 0	3700		1 8 5 0	5700		2 8 5 0	7700		3 8 5 0	9700		4 8 5 0
18		0 9	38		1 9	58		2 9	78		3 9	98		4 9
180		9 0	380		1 9 0	580		2 9 0	780		3 9 0	980		4 9 0
1800		9 0 0	3800		1 9 0 0	5800		2 9 0 0	7800		3 9 0 0	9800		4 9 0 0
19		1 0	39		2 0	59		3 0	79		4 0	99		5 0
190		9 5	390		1 9 5	590		2 9 5	790		3 9 5	990		4 9 5
1900		9 5 0	3900		1 9 5 0	5900		2 9 5 0	7900		3 9 5 0	9900		4 9 5 0
20		1 0	40		2 0	60		3 0	80		4 0	100		5 0
200		1 0 0	400		2 0 0	600		3 0 0	800		4 0 0	1000		5 0 0
2000		1 0 0 0	4000		2 0 0 0	6000		3 0 0 0	8000		4 0 0 0	10,000		5 0 0 0

POUNDS.

2000 POUNDS ONE TON.

\$10.20

51 CENTS.

\$10.20

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21	I	I	41	2	I	61	3	I	81	4	I
10		05	210	I	07	410	2	09	610	3	I	810	4	I
100		5 I	2100	I	07 I	4100	2	09 I	6100	3	I	8100	4	I
2		0 I	22	I	I	42	2	I	62	3	2	82	4	2
20		I 0	220	I	I 2	420	2	I 4	620	3	I 6	820	4	I 8
200	I	0 2	2200	I	I 2 2	4200	2	I 4 2	6200	3	I 6 2	8200	4	I 8 2
3		0 2	23	I	I 2	43	2	2 2	63	3	2 2	83	4	2 2
30		I 5	230	I	I 7	430	2	2 I 9	630	3	2 I 3	830	4	2 3
300	I	5 3	2300	I	I 7 3	4300	2	2 I 9 3	6300	3	2 I 3 3	8300	4	2 3 3
4		0 2	24	I	I 2	44	2	2 2	64	3	3 3	84	4	3 3
40		2 0	240	I	I 2 2	440	2	2 2 4	640	3	3 2 6	840	4	3 2 8
400	2	0 4	2400	I	I 2 2 4	4400	2	2 2 4 4	6400	3	3 2 6 4	8400	4	3 2 8 4
5		0 3	25	I	I 3	45	2	2 3	65	3	3 3	85	4	3 3
50		2 6	250	I	I 2 8	450	2	2 3 0	650	3	3 3 2	850	4	3 3 4
500	2	5 5	2500	I	I 2 7 5	4500	2	2 2 9 5	6500	3	3 3 I 5	8500	4	3 3 5
6		0 3	26	I	I 3	46	2	2 3	66	3	3 4	86	4	3 4
60		3 I	260	I	I 3 3	460	2	2 3 5	660	3	3 3 7	860	4	3 3 9
600	3	0 6	2600	I	I 3 2 6	4600	2	2 3 4 6	6600	3	3 3 6 6	8600	4	3 3 8 6
7		0 4	27	I	I 4	47	2	2 4	67	3	3 4	87	4	3 4
70		3 6	270	I	I 3 8	470	2	2 4 0	670	3	3 4 2	870	4	3 4 4
700	3	5 7	2700	I	I 3 7 7	4700	2	2 3 9 7	6700	3	3 4 I 7	8700	4	3 4 3 7
8		0 4	28	I	I 4	48	2	2 4	68	3	3 5	88	4	3 5
80		4 I	280	I	I 4 3	480	2	2 4 5	680	3	3 4 7	880	4	3 4 9
800	4	0 8	2800	I	I 4 2 8	4800	2	2 4 4 8	6800	3	3 4 6 8	8800	4	3 4 8 8
9		0 5	29	I	I 5	49	2	2 5	69	3	3 5	89	4	3 5
90		4 6	290	I	I 4 8	490	2	2 5 0	690	3	3 5 2	890	4	3 5 4
900	4	5 9	2900	I	I 4 7 9	4900	2	2 4 9 9	6900	3	3 5 I 9	8900	4	3 5 3 9
10		0 5	30	I	I 5	50	2	2 6	70	3	3 6	90	4	3 6
100		5 I	300	I	I 5 3	500	2	2 5 5	700	3	3 5 7	900	4	3 5 9
1000	5	I 0	3000	I	I 5 3 0	5000	2	2 5 5 0	7000	3	3 5 7 0	9000	4	3 5 9 0
11		0 6	31	I	I 6	51	2	2 6	71	3	3 6	91	4	3 6
110		5 6	310	I	I 5 8	510	2	2 6 0	710	3	3 6 2	910	4	3 6 4
1100	5	6 I	3100	I	I 5 8 I	5100	2	2 6 0 I	7100	3	3 6 2 I	9100	4	3 6 4 I
12		0 6	32	I	I 6	52	2	2 7	72	3	3 7	92	4	3 7
120		6 I	320	I	I 6 3	520	2	2 6 5	720	3	3 6 7	920	4	3 6 9
1200	6	I 2	3200	I	I 6 3 2	5200	2	2 6 5 2	7200	3	3 6 7 2	9200	4	3 6 9 2
13		0 7	33	I	I 7	53	2	2 7	73	3	3 7	93	4	3 7
130		6 6	330	I	I 6 8	530	2	2 7 0	730	3	3 7 2	930	4	3 7 4
1300	6	6 3	3300	I	I 6 8 3	5300	2	2 7 0 3	7300	3	3 7 2 3	9300	4	3 7 4 3
14		0 7	34	I	I 7	54	2	2 8	74	3	3 8	94	4	3 8
140		7 I	340	I	I 7 3	540	2	2 7 5	740	3	3 7 7	940	4	3 7 9
1400	7	I 4	3400	I	I 7 3 4	5400	2	2 7 5 4	7400	3	3 7 7 4	9400	4	3 7 9 4
15		0 8	35	I	I 8	55	2	2 8	75	3	3 8	95	4	3 8
150		7 7	350	I	I 7 9	550	2	2 8 I	750	3	3 8 3	950	4	3 8 5
1500	7	6 5	3500	I	I 7 8 5	5500	2	2 8 0 5	7500	3	3 8 2 5	9500	4	3 8 4 5
16		0 8	36	I	I 8	56	2	2 9	76	3	3 9	96	4	3 9
160		8 2	360	I	I 8 4	560	2	2 8 6	760	3	3 8 8	960	4	3 9 0
1600	8	I 6	3600	I	I 8 3 6	5600	2	2 8 5 6	7600	3	3 8 7 6	9600	4	3 8 9 6
17		0 9	37	I	I 9	57	2	2 9	77	3	3 9	97	4	3 9
170		8 7	370	I	I 8 9	570	2	2 9 I	770	3	3 9 3	970	4	3 9 5
1700	8	6 7	3700	I	I 8 8 7	5700	2	2 9 0 7	7700	3	3 9 2 7	9700	4	3 9 4 7
18		0 9	38	I	I 9	58	2	3 0	78	3	4 0	98	5	0 0
180		9 2	380	I	I 9 4	580	2	2 9 6	780	3	3 9 8	980	5	0 0 8
1800	9	I 8	3800	I	I 9 3 8	5800	2	2 9 5 8	7800	3	3 9 7 8	9800	5	0 0 8
19		I 0	39	I	I 9	59	3	3 0	79	4	4 0	99	5	0 0
190		9 7	390	I	I 9 9	590	3	3 0 I	790	4	4 0 3	990	5	0 0 5
1900	9	6 9	3900	I	I 9 8 9	5900	3	3 0 0 9	7900	4	4 0 2 9	9900	5	0 0 4 9
20		I 0	40	2	0 0	60	3	3 I	80	4	4 I	100	5	I 0
200	I	0 2	400	2	0 4	600	3	3 0 6	800	4	4 0 8	1000	5	I 0 0
2000	I	0 2 0	4000	2	0 4 0	6000	3	3 0 6 0	8000	4	4 0 8 0	10,000	5	I 0 0 0

POUNDS.

2000 POUNDS ONE TON.

\$10.40

52 CENTS.

\$10.40

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		11	41		21	61		32	81		42
10		05	210	1	09	410	2	13	610	3	17	810	4	21
100		52	2100	10	92	4100	21	32	6100	31	72	8100	42	12
2		01	22		12	42		22	62		32	82		43
20		10	220	1	14	420	2	18	620	3	22	820	4	26
200	1	04	2200	11	44	4200	21	84	6200	32	24	8200	42	64
3		02	23		12	43		22	63		33	83		43
30		16	230	1	20	430	2	24	630	3	28	830	4	32
300	1	56	2300	11	96	4300	22	36	6300	32	76	8300	43	16
4		02	24		12	44		23	64		33	84		44
40		21	240	1	25	440	2	29	640	3	33	840	4	37
400	2	08	2400	12	48	4400	22	88	6400	33	28	8400	43	68
5		03	25		13	45		23	65		34	85		44
50		26	250	1	30	450	2	34	650	3	38	850	4	42
500	2	60	2500	13	00	4500	23	40	6500	33	80	8500	44	20
6		03	26		14	46		24	66		34	86		45
60		31	260	1	35	460	2	39	660	3	43	860	4	47
600	3	12	2600	13	52	4600	23	92	6600	34	32	8600	44	72
7		04	27		14	47		24	67		35	87		45
70		36	270	1	40	470	2	44	670	3	48	870	4	52
700	3	64	2700	14	04	4700	24	44	6700	34	84	8700	45	24
8		04	28		15	48		25	68		35	88		46
80		42	280	1	46	480	2	50	680	3	54	880	4	58
800	4	16	2800	14	56	4800	24	96	6800	35	36	8800	45	76
9		05	29		15	49		25	69		36	89		46
90		47	290	1	51	490	2	55	690	3	59	890	4	63
900	4	68	2900	15	08	4900	25	48	6900	35	88	8900	46	28
10		05	30		16	50		26	70		36	90		47
100		52	300	1	56	500	2	60	700	3	64	900	4	68
1000	5	20	3000	15	60	5000	26	00	7000	36	40	9000	46	80
11		06	31		16	51		27	71		37	91		47
110		57	310	1	61	510	2	65	710	3	69	910	4	73
1100	5	72	3100	16	12	5100	26	52	7100	36	92	9100	47	32
12		06	32		17	52		27	72		37	92		48
120		62	320	1	66	520	2	70	720	3	74	920	4	79
1200	6	24	3200	16	64	5200	27	04	7200	37	44	9200	47	84
13		07	33		17	53		28	73		38	93		48
130		68	330	1	72	530	2	76	730	3	80	930	4	84
1300	6	76	3300	17	16	5300	27	56	7300	37	96	9300	48	36
14		07	34		18	54		28	74		38	94		49
140		73	340	1	77	540	2	81	740	3	85	940	4	89
1400	7	28	3400	17	68	5400	28	08	7400	38	48	9400	48	88
15		08	35		18	55		29	75		39	95		49
150		78	350	1	82	550	2	86	750	3	90	950	4	94
1500	7	80	3500	18	20	5500	28	60	7500	39	00	9500	49	40
16		08	36		19	56		29	76		40	96		50
160		83	360	1	87	560	2	91	760	3	95	960	4	99
1600	8	32	3600	18	72	5600	29	12	7600	39	52	9600	49	92
17		09	37		19	57		30	77		40	97		50
170		88	370	1	92	570	2	96	770	4	00	970	5	04
1700	8	84	3700	19	24	5700	29	64	7700	40	04	9700	50	44
18		09	38		20	58		30	78		41	98		51
180		94	380	1	98	580	3	02	780	4	06	980	5	10
1800	9	36	3800	19	76	5800	30	16	7800	40	56	9800	50	96
19		10	39		20	59		31	79		41	99		51
190		99	390	2	03	590	3	07	790	4	11	990	5	15
1900	9	88	3900	20	28	5900	30	68	7900	41	08	9900	51	48
20		10	40		21	60		31	80		42	100		52
200	1	04	400	2	08	600	3	12	800	4	16	1000	5	20
2000	10	40	4000	20	80	6000	31	20	8000	41	60	10,000	52	00

POUNDS.

2000 POUNDS ONE TON.

\$10.60

53 CENTS.

\$10.60

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		11	41		22	61		32	81		43
10		05	210	I	11	410	2	17	610	3	23	810	4	29
100		53	2100	I I	13	4100	2 I	73	6100	3 2	33	8100	4 2	93
2		01	22		12	42		22	62		33	82		43
20		11	220	I	17	420	2	23	620	3	29	820	4	35
200	I	06	2200	I I	66	4200	2 2	26	6200	3 2	86	8200	4 3	46
3		02	23		12	43		23	63		33	83		44
30		16	230	I	22	430	2	28	630	3	34	830	4	40
300	I	59	2300	I 2	19	4300	2 2	79	6300	3 3	39	8300	4 3	99
4		02	24		13	44		23	64		34	84		45
40		21	240	I	27	440	2	33	640	3	39	840	4	45
400	2	12	2400	I 2	72	4400	2 3	32	6400	3 3	92	8400	4 4	52
5		03	25		13	45		24	65		34	85		45
50		27	250	I	33	450	2	39	650	3	45	850	4	51
500	2	65	2500	I 3	25	4500	2 3	85	6500	3 4	45	8500	4 5	05
6		03	26		14	46		24	66		35	86		46
60		32	260	I	38	460	2	44	660	3	50	860	4	56
600	3	18	2600	I 3	78	4600	2 4	38	6600	3 4	98	8600	4 5	58
7		04	27		14	47		25	67		36	87		46
70		37	270	I	43	470	2	49	670	3	55	870	4	61
700	3	71	2700	I 4	31	4700	2 4	91	6700	3 5	51	8700	4 6	11
8		04	28		15	48		25	68		36	88		47
80		42	280	I	47	480	2	54	680	3	60	880	4	66
800	4	24	2800	I 4	84	4800	2 5	44	6800	3 6	04	8800	4 6	64
9		05	29		15	49		26	69		37	89		47
90		48	290	I	54	490	2	60	690	3	66	890	4	72
900	4	77	2900	I 5	37	4900	2 5	97	6900	3 6	57	8900	4 7	17
10		05	30		16	50		27	70		37	90		48
100		53	300	I	59	500	2	65	700	3	71	900	4	77
1000	5	30	3000	I 5	90	5000	2 6	50	7000	3 7	10	9000	4 7	70
11		06	31		16	51		27	71		38	91		48
110		58	310	I	64	510	2	70	710	3	76	910	4	82
1100	5	83	3100	I 6	43	5100	2 7	03	7100	3 7	63	9100	4 8	23
12		06	32		17	52		28	72		38	92		49
120		64	320	I	70	520	2	76	720	3	82	920	4	87
1200	6	36	3200	I 6	96	5200	2 7	56	7200	3 8	16	9200	4 8	76
13		07	33		17	53		28	73		39	93		49
130		69	330	I	75	530	2	81	730	3	87	930	4	93
1300	6	89	3300	I 7	49	5300	2 8	09	7300	3 8	69	9300	4 9	29
14		07	34		18	54		29	74		39	94		50
140		74	340	I	80	540	2	86	740	3	92	940	4	98
1400	7	42	3400	I 8	02	5400	2 8	62	7400	3 9	22	9400	4 9	82
15		08	35		19	55		29	75		40	95		50
150		80	350	I	86	550	2	92	750	3	98	950	5	04
1500	7	95	3500	I 8	55	5500	2 9	15	7500	3 9	75	9500	5 0	35
16		08	36		19	56		30	76		40	96		51
160		85	360	I	91	560	3	00	760	4	03	960	5	09
1600	8	48	3600	I 9	08	5600	2 9	68	7600	4 0	28	9600	5 0	88
17		09	37		20	57		30	77		41	97		51
170		90	370	I	96	570	3	02	770	4	08	970	5	14
1700	9	01	3700	I 9	61	5700	3 0	21	7700	4 0	81	9700	5 1	41
18		10	38		20	58		31	78		41	98		52
180		95	380	2	01	580	3	07	780	4	13	980	5	19
1800	9	54	3800	2 0	14	5800	3 0	74	7800	4 1	34	9800	5 1	94
19		10	39		21	59		31	79		42	99		52
190	I	01	390	2	07	590	3	13	790	4	19	990	5	25
1900	I 0	07	3900	2 0	67	5900	3 1	27	7900	4 1	87	9900	5 2	47
20		11	40		21	60		32	80		42	100		53
200	I	06	400	2	12	600	3	18	800	4	24	1000	5	30
2000	I 0	60	4000	2 I	20	6000	3 I	80	8000	4 2	40	10,000	5 3	00

POUNDS.

2000 POUNDS ONE TON.

\$10.80

54 CENTS.

\$10.80

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		—	21		11	41		22	61		33	81		44
10		05	210	I	13	410	2	21	610	3	29	810	4	37
100		54	2100	I I	34	4100	22	14	6100	32	94	8100	43	74
2		01	22		12	42		23	62		33	82		44
20		11	220	I	19	420	2	27	620	3	35	820	4	43
200	I	08	2200	I I	88	4200	22	68	6200	33	48	8200	44	28
3		02	23		12	43		23	63		34	83		45
30		16	230	I	24	430	2	32	630	3	40	830	4	48
300	I	62	2300	I 2	42	4300	23	22	6300	34	02	8300	44	82
4		02	24		13	44		24	64		35	84		45
40		22	240	I	30	440	2	38	640	3	46	840	4	54
400	2	16	2400	I 2	96	4400	23	76	6400	34	56	8400	45	36
5		03	25		14	45		24	65		35	85		46
50		27	250	I	35	450	2	43	650	3	51	850	4	59
500	2	70	2500	I 3	50	4500	24	30	6500	35	10	8500	45	90
6		03	26		14	46		25	66		36	86		46
60		32	260	I	40	460	2	48	660	3	56	860	4	64
600	3	24	2600	I 4	04	4600	24	84	6600	35	64	8600	46	44
7		04	27		15	47		25	67		36	87		47
70		38	270	I	46	470	2	54	670	3	62	870	4	70
700	3	78	2700	I 4	58	4700	25	38	6700	36	18	8700	46	98
8		04	28		15	48		26	68		37	88		48
80		43	280	I	51	480	2	59	680	3	67	880	4	75
800	4	32	2800	I 5	12	4800	25	92	6800	36	72	8800	47	52
9		05	29		16	49		26	69		37	89		48
90		49	290	I	57	490	2	65	690	3	73	890	4	81
900	4	86	2900	I 5	66	4900	26	46	6900	37	26	8900	48	06
10		05	30		16	50		27	70		38	90		49
100		54	300	I	62	500	2	70	700	3	78	900	4	86
1000	5	40	3000	I 6	20	5000	27	00	7000	37	80	9000	48	60
11		06	31		17	51		28	71		38	91		49
110		59	310	I	67	510	2	75	710	3	83	910	4	91
1100	5	94	3100	I 6	74	5100	27	54	7100	38	34	9100	49	14
12		06	32		17	52		28	72		39	92		50
120		65	320	I	73	520	2	80	720	3	89	920	4	97
1200	6	48	3200	I 7	28	5200	28	08	7200	38	88	9200	49	68
13		07	33		18	53		29	73		39	93		50
130		70	330	I	78	530	2	86	730	3	94	930	5	02
1300	7	02	3300	I 7	82	5300	28	62	7300	39	42	9300	50	22
14		08	34		18	54		29	74		40	94		51
140		77	340	I	84	540	2	92	740	4	00	940	5	08
1400	7	56	3400	I 8	36	5400	29	16	7400	39	96	9400	50	76
15		08	35		19	55		30	75		41	95		51
150		81	350	I	89	550	2	97	750	4	05	950	5	13
1500	8	10	3500	I 8	90	5500	29	70	7500	40	50	9500	51	30
16		09	36		19	56		30	76		41	96		52
160		86	360	I	94	560	3	02	760	4	10	960	5	18
1600	8	64	3600	I 9	44	5600	30	24	7600	41	04	9600	51	84
17		09	37		20	57		31	77		42	97		52
170		92	370	2	00	570	3	08	770	4	16	970	5	24
1700	9	18	3700	I 9	98	5700	30	78	7700	41	58	9700	52	38
18		10	38		21	58		31	78		42	98		53
180		97	380	2	05	580	3	13	780	4	21	980	5	29
1800	9	72	3800	20	52	5800	31	32	7800	42	12	9800	52	92
19		10	39		21	59		32	79		43	99		53
190	I	03	390	2	11	590	3	19	790	4	27	990	5	35
1900	I 0	26	3900	21	06	5900	31	86	7900	42	66	9900	53	46
20		11	40		22	60		32	80		43	100		54
200	I	08	400	2	16	600	3	24	800	4	32	1000	5	40
2000	I 0	80	4000	21	60	6000	32	40	8000	43	20	10,000	54	00

POUNDS.

2000 POUNDS ONE TON.

\$11.00

55 CENTS.

\$11.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		12	41		23	61		34	81		45
10		06	210	I	16	410	2	26	610	3	36	810	4	46
100		55	2100	I I	55	4100	22	55	6100	33	55	8100	44	55
2		01	22		12	42		23	62		34	82		45
20		11	220	I	21	420	2	31	620	3	41	820	4	51
200	I	10	2200	I 2	10	4200	23	10	6200	34	10	8200	45	10
3		02	23		13	43		24	63		35	83		46
30		17	230	I	27	430	2	37	630	3	47	830	4	57
300	I	65	2300	I 2	65	4300	23	65	6300	34	65	8300	45	65
4		02	24		13	44		24	64		35	84		46
40		22	240	I	32	440	2	42	640	3	52	840	4	62
400	2	20	2400	I 3	20	4400	24	20	6400	35	20	8400	46	20
5		03	25		14	45		25	65		36	85		47
50		28	250	I	38	450	2	48	650	3	58	850	4	66
500	2	75	2500	I 3	75	4500	24	75	6500	35	75	8500	46	75
6		03	26		14	46		25	66		36	86		47
60		33	260	I	43	460	2	53	660	3	63	860	4	73
600	3	30	2600	I 4	30	4600	25	30	6600	36	30	8600	47	30
7		04	27		15	47		26	67		37	87		48
70		39	270	I	49	470	2	59	670	3	69	870	4	79
700	3	85	2700	I 4	85	4700	25	85	6700	36	85	8700	47	85
8		04	28		15	48		26	68		37	88		48
80		44	280	I	54	480	2	64	680	3	74	880	4	84
800	4	40	2800	I 5	40	4800	26	40	6800	37	40	8800	48	40
9		05	29		16	49		27	69		38	89		49
90		50	290	I	60	490	2	70	690	3	80	890	4	90
900	4	95	2900	I 5	95	4900	26	95	6900	37	95	8900	48	95
10		06	30		17	50		28	70		39	90		50
100		55	300	I	65	500	2	75	700	3	85	900	4	95
1000	5	50	3000	I 6	50	5000	27	50	7000	38	50	9000	49	50
11		06	31		17	51		28	71		39	91		50
110		61	310	I	71	510	2	81	710	3	91	910	5	01
1100	6	05	3100	I 7	05	5100	28	05	7100	39	05	9100	50	05
12		07	32		18	52		29	72		40	92		51
120		66	320	I	76	520	2	86	720	3	96	920	5	06
1200	6	60	3200	I 7	60	5200	28	60	7200	39	60	9200	50	60
13		07	33		18	53		29	73		40	93		51
130		72	330	I	82	530	2	92	730	4	02	930	5	12
1300	7	15	3300	I 8	15	5300	29	15	7300	40	15	9300	51	15
14		08	34		19	54		30	74		41	94		52
140		77	340	I	87	540	2	97	740	4	07	940	5	17
1400	7	70	3400	I 8	70	5400	29	70	7400	40	70	9400	51	70
15		08	35		19	55		30	75		41	95		52
150		83	350	I	93	550	3	03	750	4	13	950	5	23
1500	8	25	3500	I 9	25	5500	30	25	7500	41	25	9500	52	25
16		09	36		20	56		31	76		42	96		53
160		88	360	I	98	560	3	08	760	4	18	960	5	28
1600	8	80	3600	I 9	80	5600	30	80	7600	41	80	9600	52	80
17		09	37		20	57		31	77		42	97		53
170		94	370	2	04	570	3	14	770	4	24	970	5	34
1700	9	35	3700	20	35	5700	31	35	7700	42	35	9700	53	35
18		10	38		21	58		32	78		43	98		54
180		99	380	2	09	580	3	19	780	4	29	980	5	39
1800	9	90	3800	20	90	5800	31	90	7800	42	90	9800	53	90
19		10	39		21	59		32	79		43	99		54
190	I	05	390	2	15	590	3	25	790	4	35	990	5	46
1900	I 0	45	3900	21	45	5900	32	45	7900	43	45	9900	54	45
20		11	40		22	60		33	80		44	100		55
200	I	10	400	2	20	600	3	30	800	4	40	1000	5	50
2000	I I	00	4000	22	00	6000	33	00	8000	44	00	10,000	55	00

POUNDS.

2000 POUNDS ONE TON.

\$11.20

56 CENTS.

\$11.20

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		12	41		23	61		34	81		45
10		06	210	I	18	410	2	30	610	3	42	810	4	54
100		56	2100	I I	76	4100	2 2	96	6100	3 4	16	8100	4 5	36
2		01	22		12	42		24	62		35	82		46
20		11	220	I	23	420	2	35	620	3	47	820	4	59
200	I	12	2200	I 2	32	4200	2 3	52	6200	3 4	72	8200	4 5	92
3		02	23		13	43		24	63		35	83		46
30		17	230	I	29	430	2	41	630	3	53	830	4	65
300	I	68	2300	I 2	88	4300	2 4	08	6300	3 5	28	8300	4 6	48
4		02	24		13	44		25	64		36	84		47
40		22	240	I	34	440	2	46	640	3	58	840	4	70
400	2	24	2400	I 3	44	4400	2 4	64	6400	3 5	84	8400	4 7	04
5		03	25		14	45		25	65		36	85		48
50		28	250	I	40	450	2	52	650	3	64	850	4	76
500	2	80	2500	I 4	00	4500	2 5	20	6500	3 6	40	8500	4 7	60
6		03	26		15	46		26	66		37	86		48
60		34	260	I	46	460	2	58	660	3	70	860	4	82
600	3	36	2600	I 4	56	4600	2 5	76	6600	3 6	96	8600	4 8	16
7		04	27		15	47		26	67		38	87		49
70		39	270	I	51	470	2	63	670	3	75	870	4	87
700	3	92	2700	I 5	12	4700	2 6	32	6700	3 7	52	8700	4 8	72
8		04	28		16	48		27	68		38	88		49
80		45	280	I	57	480	2	69	680	3	81	880	4	93
800	4	48	2800	I 5	68	4800	2 6	88	6800	3 8	08	8800	4 9	28
9		05	29		16	49		27	69		38	89		50
90		50	290	I	62	490	2	74	690	3	86	890	4	98
900	5	04	2900	I 6	24	4900	2 7	44	6900	3 8	64	8900	4 9	84
10		06	30		17	50		28	70		39	90		50
100		56	300	I	68	500	2	80	700	3	92	900	5	04
1000	5	60	3000	I 6	80	5000	2 8	00	7000	3 9	20	9000	5 0	40
11		06	31		17	51		29	71		40	91		51
110		62	310	I	74	510	2	86	710	3	98	910	5	10
1100	6	16	3100	I 7	36	5100	2 8	56	7100	3 9	76	9100	5 0	96
12		07	32		18	52		29	72		40	92		51
120		67	320	I	79	520	2	91	720	4	03	920	5	15
1200	6	72	3200	I 7	92	5200	2 9	12	7200	4 0	32	9200	5 1	52
13		07	33		18	53		30	73		41	93		52
130		73	330	I	85	530	2	97	730	4	09	930	5	21
1300	7	28	3300	I 8	48	5300	2 9	68	7300	4 0	88	9300	5 2	08
14		08	34		19	54		30	74		41	94		53
140		78	340	I	90	540	3	02	740	4	14	940	5	27
1400	7	84	3400	I 9	04	5400	3 0	24	7400	4 1	44	9400	5 2	64
15		08	35		20	55		31	75		42	95		53
150		84	350	I	96	550	3	08	750	4	20	950	5	32
1500	8	40	3500	I 9	60	5500	3 0	80	7500	4 2	00	9500	5 3	20
16		09	36		20	56		31	76		43	96		54
160		90	360	2	02	560	3	14	760	4	26	960	5	38
1600	8	96	3600	2 0	16	5600	3 1	36	7600	4 2	56	9600	5 3	76
17		10	37		21	57		32	77		43	97		54
170		95	370	2	07	570	3	19	770	4	31	970	5	43
1700	9	52	3700	2 0	72	5700	3 1	92	7700	4 3	12	9700	5 4	32
18		10	38		21	58		32	78		44	98		55
180	I	01	380	2	13	580	3	25	780	4	37	980	5	49
1800	I 0	08	3800	2 I	28	5800	3 2	48	7800	4 3	68	9800	5 4	88
19		11	39		22	59		33	79		44	99		55
190	I	06	390	2	18	590	3	30	790	4	42	990	5	54
1900	I 0	64	3900	2 I	84	5900	3 3	04	7900	4 4	24	9900	5 5	44
20		11	40		22	60		34	80		45	100		56
200	I	12	400	2	24	600	3	36	800	4	48	1000	5	60
2000	I I	20	4000	2 2	40	6000	3 3	60	8000	4 4	80	10,000	5 6	00

POUNDS.

2000 POUNDS ONE TON.

\$11.40

57 CENTS.

\$11.40

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		12	41		23	61		35	81		46
10		06	210	I	20	410	2	34	610	3	48	810	4	62
100		57	2100	I I	97	4100	23	37	6100	34	77	8100	46	17
2		01	22		12	42		24	62		35	82		47
20		11	220	I	25	420	2	39	620	3	53	820	4	67
200	I	14	2200	I 2	54	4200	23	94	6200	35	34	8200	46	74
3		02	23		13	43		25	63		36	83		47
30		17	230	I	31	430	2	45	630	3	59	830	4	73
300	I	71	2300	I 3	11	4300	24	51	6300	35	91	8300	47	31
4		02	24		14	44		25	64		36	84		48
40		23	240	I	37	440	2	51	640	3	65	840	4	79
400	2	28	2400	I 3	68	4400	25	08	6400	36	48	8400	47	88
5		03	25		14	45		26	65		37	85		48
50		29	250	I	43	450	2	57	650	3	71	850	4	85
500	2	85	2500	I 4	25	4500	25	65	6500	37	05	8500	48	45
6		03	26		15	46		26	66		38	86		49
60		34	260	I	48	460	2	62	660	3	76	860	4	90
600	3	42	2600	I 4	82	4600	26	22	6600	37	62	8600	49	02
7		04	27		15	47		27	67		38	87		50
70		40	270	I	54	470	2	68	670	3	82	870	4	96
700	3	99	2700	I 5	39	4700	26	79	6700	38	19	8700	49	59
8		05	28		16	48		27	68		39	88		50
80		46	280	I	60	480	2	74	680	3	88	880	5	02
800	4	56	2800	I 5	96	4800	27	36	6800	38	76	8800	50	16
9		05	29		17	49		28	69		39	89		51
90		51	290	I	65	490	2	79	690	3	93	890	5	07
900	5	13	2900	I 6	53	4900	27	93	6900	39	33	8900	50	73
10		06	30		17	50		29	70		40	90		51
100		57	300	I	71	500	2	85	700	3	99	900	5	13
1000	5	70	3000	I 7	10	5000	28	50	7000	39	90	9000	51	30
11		06	31		18	51		29	71		40	91		52
110		63	310	I	77	510	2	91	710	4	05	910	5	19
1100	6	27	3100	I 7	67	5100	29	07	7100	40	47	9100	51	87
12		07	32		18	52		30	72		41	92		52
120		68	320	I	82	520	2	96	720	4	10	920	5	25
1200	6	84	3200	I 8	24	5200	29	64	7200	41	04	9200	52	44
13		07	33		19	53		30	73		42	93		53
130		74	330	I	88	530	3	02	730	4	16	930	5	30
1300	7	41	3300	I 8	81	5300	30	21	7300	41	61	9300	53	01
14		08	34		19	54		31	74		42	94		54
140		80	340	I	94	540	3	08	740	4	22	940	5	36
1400	7	98	3400	I 9	38	5400	30	78	7400	42	18	9400	53	58
15		09	35		20	55		31	75		43	95		54
150		86	350	I	00	550	3	14	750	4	28	950	5	42
1500	8	55	3500	I 9	95	5500	31	35	7500	42	75	9500	54	15
16		09	36		21	56		32	76		43	96		55
160		91	360	I	05	560	3	19	760	4	33	960	5	47
1600	9	12	3600	I 0	52	5600	31	92	7600	43	32	9600	54	72
17		10	37		21	57		32	77		44	97		55
170		97	370	I	11	570	3	25	770	4	39	970	5	53
1700	9	69	3700	I 1	09	5700	32	49	7700	43	89	9700	55	29
18		10	38		22	58		33	78		44	98		56
180	I	03	380	I	17	580	3	31	780	4	45	980	5	59
1800	I 0	26	3800	I 1	66	5800	33	06	7800	44	46	9800	55	86
19		11	39		22	59		34	79		45	99		56
190	I	08	390	I	22	590	3	36	790	4	50	990	5	64
1900	I 0	83	3900	I 2	23	5900	33	63	7900	45	03	9900	56	43
20		11	40		23	60		34	80		46	100		57
200	I	14	400	I	28	600	3	42	800	4	56	1000	5	70
2000	I I	40	4000	I 2	80	6000	34	20	8000	45	60	10,000	57	00

POUNDS.

2000 POUNDS ONE TON.

\$11.60

58 CENTS.

\$11.60

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		12	41		24	61		35	81		47
10		06	210	I	22	410	2	38	610	3	54	810	4	70
100		58	2100	I 2	18	4100	23	78	6100	35	38	8100	46	98
2		01	22		13	42		24	62		36	82		48
20		12	220	I	28	420	2	44	620	3	60	820	4	76
200	I	16	2200	I 2	76	4200	24	36	6200	35	96	8200	47	56
3		02	23		13	43		25	63		37	83		48
30		17	230	I	33	430	2	49	630	3	65	830	4	81
300	I	74	2300	I 3	34	4300	24	94	6300	36	54	8300	48	14
4		02	24		14	44		26	64		37	84		49
40		23	240	I	39	440	2	55	640	3	71	840	4	87
400	2	32	2400	I 3	92	4400	25	52	6400	37	12	8400	48	72
5		03	25		15	45		26	65		38	85		49
50		29	250	I	45	450	2	61	650	3	77	850	4	93
500	2	90	2500	I 4	50	4500	26	10	6500	37	70	8500	49	30
6		03	26		15	46		27	66		38	86		50
60		35	260	I	51	460	2	67	660	3	83	860	4	99
600	3	48	2600	I 5	08	4600	26	68	6600	38	28	8600	49	88
7		04	27		16	47		27	67		39	87		50
70		41	270	I	57	470	2	73	670	3	89	870	5	05
700	4	06	2700	I 5	66	4700	27	26	6700	38	86	8700	50	46
8		05	28		16	48		28	68		39	88		51
80		46	280	I	62	480	2	78	680	3	94	880	5	10
800	4	64	2800	I 6	24	4800	27	84	6800	39	44	8800	51	04
9		05	29		17	49		28	69		40	89		52
90		52	290	I	68	490	2	84	690	4	00	890	5	16
900	5	22	2900	I 6	82	4900	28	42	6900	40	02	8900	51	62
10		06	30		17	50		29	70		41	90		52
100		58	300	I	74	500	2	90	700	4	06	900	5	22
1000	5	80	3000	I 7	40	5000	29	00	7000	40	60	9000	52	20
11		06	31		18	51		30	71		41	91		53
110		64	310	I	80	510	2	96	710	4	12	910	5	28
1100	6	38	3100	I 7	98	5100	29	58	7100	41	18	9100	52	78
12		07	32		19	52		30	72		42	92		53
120		70	320	I	86	520	3	02	720	4	18	920	5	34
1200	6	96	3200	I 8	56	5200	30	16	7200	41	76	9200	53	36
13		08	33		19	53		31	73		42	93		54
130		75	330	I	91	530	3	07	730	4	23	930	5	39
1300	7	54	3300	I 9	14	5300	30	74	7300	42	34	9300	53	94
14		08	34		20	54		31	74		43	94		55
140		81	340	I	97	540	3	13	740	4	29	940	5	45
1400	8	12	3400	I 9	72	5400	31	32	7400	42	92	9400	54	52
15		09	35		20	55		32	75		44	95		55
150		87	350	2	03	550	3	19	750	4	35	950	5	51
1500	8	70	3500	20	30	5500	31	90	7500	43	50	9500	55	10
16		09	36		21	56		32	76		44	96		56
160		93	360	2	09	560	3	25	760	4	41	960	5	57
1600	9	28	3600	20	88	5600	32	48	7600	44	08	9600	55	68
17		10	37		21	57		33	77		45	97		56
170		99	370	2	15	570	3	31	770	4	47	970	5	63
1700	9	86	3700	21	46	5700	33	06	7700	44	66	9700	56	26
18		10	38		22	58		34	78		45	98		57
180	I	04	380	2	20	580	3	36	780	4	52	980	5	68
1800	I 0	44	3800	22	04	5800	33	64	7800	45	24	9800	56	84
19		11	39		23	59		34	79		46	99		57
190	I	10	390	2	26	590	3	42	790	4	58	990	5	74
1900	I 1	02	3900	22	62	5900	34	22	7900	45	82	9900	57	42
20		12	40		23	60		35	80		46	100		58
200	I	16	400	2	32	600	3	48	800	4	64	1000	5	80
2000	I 1	60	4000	23	20	6000	34	80	8000	46	40	10,000	58	00

POUNDS.

2000 POUNDS ONE TON.

\$11.80			59 CENTS.			\$11.80								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		12	41		24	61		36	81		48
10		06	210	I	24	410	2	42	610	3	60	810	4	78
100		59	2100	I 2	39	4100	24	19	6100	35	99	8100	47	79
2		01	22		13	42		25	62		37	82		48
20		12	220	I	30	420	2	48	620	3	66	820	4	84
200	I	18	2200	I 2	98	4200	24	78	6200	36	58	8200	48	38
3		02	23		14	43		25	63		37	83		49
30		18	230	I	36	430	2	54	630	3	72	830	4	90
300	I	77	2300	I 3	57	4300	25	37	6300	37	17	8300	48	97
4		02	24		14	44		26	64		38	84		50
40		24	240	I	42	440	2	60	640	3	78	840	4	96
400	2	36	2400	I 4	16	4400	25	96	6400	37	76	8400	49	56
5		03	25		15	45		27	65		38	85		50
50		30	250	I	48	450	2	66	650	3	84	850	5	02
500	2	95	2500	I 4	75	4500	26	55	6500	38	35	8500	50	15
6		04	26		15	46		27	66		39	86		51
60		35	260	I	53	460	2	71	660	3	89	860	5	07
600	3	54	2600	I 5	34	4600	27	14	6600	38	94	8600	50	74
7		04	27		16	47		28	67		40	87		51
70		41	270	I	59	470	2	77	670	3	95	870	5	13
700	4	13	2700	I 5	93	4700	27	73	6700	39	53	8700	51	33
8		05	28		17	48		28	68		40	88		52
80		47	280	I	65	480	2	83	680	4	01	880	5	19
800	4	72	2800	I 6	52	4800	28	32	6800	40	12	8800	51	92
9		05	29		17	49		29	69		41	89		53
90		53	290	I	71	490	2	89	690	4	07	890	5	25
900	5	31	2900	I 7	11	4900	28	91	6900	40	71	8900	52	51
10		06	30		18	50		30	70		41	90		53
100		59	300	I	77	500	2	95	700	4	13	900	5	31
1000	5	90	3000	I 7	70	5000	29	50	7000	41	30	9000	53	10
11		06	31		18	51		30	71		42	91		54
110		65	310	I	83	510	3	01	710	4	19	910	5	37
1100	6	49	3100	I 8	29	5100	30	09	7100	41	89	9100	53	69
12		07	32		19	52		31	72		42	92		54
120		71	320	I	89	520	3	07	720	4	25	920	5	42
1200	7	08	3200	I 8	88	5200	30	68	7200	42	48	9200	54	28
13		08	33		19	53		31	73		43	93		55
130		77	330	I	95	530	3	13	730	4	31	930	5	49
1300	7	67	3300	I 9	47	5300	31	27	7300	43	07	9300	54	87
14		08	34		20	54		32	74		44	94		55
140		83	340	2	01	540	3	19	740	4	37	940	5	55
1400	8	26	3400	20	06	5400	31	86	7400	43	66	9400	55	46
15		09	35		21	55		32	75		44	95		56
150		89	350	2	07	550	3	25	750	4	43	950	5	61
1500	8	85	3500	20	65	5500	32	45	7500	44	25	9500	50	05
16		09	36		21	56		33	76		45	96		57
160		94	360	2	12	560	3	30	760	4	48	960	5	66
1600	9	44	3600	21	24	5600	33	04	7600	44	84	9600	56	64
17		10	37		22	57		34	77		45	97		57
170	I	00	370	2	18	570	3	36	770	4	54	970	5	72
1700	I 0	03	3700	21	83	5700	33	63	7700	45	43	9700	57	23
18		11	38		22	58		34	78		46	98		58
180	I	06	380	2	24	580	3	42	780	4	60	980	5	78
1800	I 0	62	3800	22	42	5800	34	22	7800	46	02	9800	57	82
19		11	39		23	59		35	79		47	99		58
190	I	12	390	2	30	590	3	48	790	4	66	990	5	84
1900	I I	21	3900	23	01	5900	34	81	7900	46	61	9900	58	41
20		12	40		24	60		35	80		47	100		59
200	I	18	400	2	36	600	3	54	800	4	72	1000	5	90
2000	I I	80	4000	23	60	6000	35	40	8000	47	20	10,000	59	00

2000 POUNDS ONE TON.

358

POUNDS.

2000 POUNDS ONE TON.

\$12.20			61 CENTS.									\$12.20		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		13	41		25	61		37	81		49
10		06	210		128	410	2	50	610	3	72	810	4	94
100		61	2100	12	81	4100	25	01	6100	37	21	8100	49	41
2		01	22		13	42		26	62		38	82		50
20		12	220		134	420	2	56	620	3	78	820	5	00
200	1	22	2200	13	42	4200	25	62	6200	37	82	8200	50	02
3		02	23		14	43		26	63		38	83		51
30		18	230		140	430	2	62	630	3	84	830	5	06
300	1	83	2300	14	03	4300	26	23	6300	38	43	8300	50	63
4		02	24		15	44		27	64		39	84		51
40		24	240		146	440	2	68	640	3	90	840	5	12
400	2	44	2400	14	64	4400	26	84	6400	39	04	8400	51	24
5		03	25		15	45		27	65		40	85		52
50		31	250		153	450	2	75	650	3	97	850	5	19
500	3	05	2500	15	25	4500	27	45	6500	39	65	8500	51	85
6		04	26		16	46		28	66		40	86		52
60		37	260		159	460	2	81	660	4	03	860	5	25
600	3	66	2600	15	86	4600	28	06	6600	40	26	8600	52	46
7		04	27		16	47		29	67		41	87		53
70		43	270		165	470	2	87	670	4	09	870	5	31
700	4	27	2700	16	47	4700	28	67	6700	40	87	8700	53	07
8		05	28		17	48		29	68		41	88		54
80		49	280		171	480	2	93	680	4	15	880	5	37
800	4	88	2800	17	08	4800	29	28	6800	41	48	8800	53	68
9		05	29		18	49		30	69		42	89		54
90		55	290		177	490	2	99	690	4	21	890	5	43
900	5	49	2900	17	69	4900	29	89	6900	42	09	8900	54	29
10		06	30		18	50		31	70		43	90		55
100		61	300		183	500	3	05	700	4	27	900	5	49
1000	6	10	3000	18	30	5000	30	50	7000	42	70	9000	54	90
11		07	31		19	51		31	71		43	91		56
110		67	310		189	510	3	11	710	4	33	910	5	55
1100	6	71	3100	18	91	5100	31	11	7100	43	31	9100	55	51
12		07	32		20	52		32	72		44	92		56
120		73	320		195	520	3	17	720	4	39	920	5	61
1200	7	32	3200	19	52	5200	31	72	7200	43	92	9200	56	12
13		08	33		20	53		32	73		45	93		57
130		79	330		201	530	3	23	730	4	45	930	5	67
1300	7	93	3300	20	13	5300	32	33	7300	44	53	9300	56	73
14		09	34		21	54		33	74		45	94		57
140		85	340		207	540	3	29	740	4	51	940	5	73
1400	8	54	3400	20	74	5400	32	94	7400	45	14	9400	57	34
15		09	35		21	55		34	75		46	95		58
150		92	350		214	550	3	36	750	4	56	950	5	80
1500	9	15	3500	21	35	5500	33	55	7500	45	75	9500	57	95
16		10	36		22	56		34	76		46	96		59
160		98	360		220	560	3	42	760	4	64	960	5	86
1600	9	76	3600	21	96	5600	34	16	7600	46	36	9600	58	56
17		10	37		23	57		35	77		47	97		59
170		104	370		226	570	3	48	770	4	70	970	5	92
1700	10	37	3700	22	57	5700	34	77	7700	46	97	9700	59	17
18		11	38		23	58		35	78		48	98		60
180		110	380		232	580	3	54	780	4	76	980	5	98
1800	10	98	3800	23	18	5800	35	38	7800	47	58	9800	59	78
19		11	39		24	59		36	79		48	99		60
190		116	390		238	590	3	60	790	4	82	990	6	04
1900	11	59	3900	23	79	5900	35	99	7900	48	19	9900	60	39
20		12	40		24	60		37	80		49	100		61
200		122	400		244	600	3	66	800	4	88	1000	6	10
2000	12	20	4000	24	40	6000	36	60	8000	48	80	10,000	61	00

2000 POUNDS ONE TON.

360

POUNDS.

2000 POUNDS ONE TON.

\$12.60			63 CENTS.			\$12.60								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		13	41		26	61		38	81		51
10		06	210	I	32	410	2	58	610	3	84	810	5	10
100		63	2100	I 3	23	4100	25	83	6100	38	43	8100	51	03
2		01	22		14	42		26	62		39	82		52
20		13	220	I	39	420	2	65	620	3	91	820	5	17
200	I	26	2200	I 3	86	4200	26	46	6200	39	06	8200	51	66
3		02	23		14	43		27	63		40	83		53
30		19	230	I	45	430	2	71	630	3	97	830	5	23
300	I	89	2300	I 4	49	4300	27	09	6300	39	69	8300	52	29
4		03	24		15	44		28	64		40	84		53
40		25	240	I	51	440	2	77	640	4	03	840	5	29
400	2	52	2400	I 5	12	4400	27	72	6400	40	32	8400	52	92
5		03	25		16	45		28	65		41	85		54
50		32	250	I	58	450	2	84	650	4	10	850	5	36
500	3	15	2500	I 5	75	4500	28	35	6500	40	95	8500	53	55
6		04	26		16	46		29	66		42	86		54
60		38	260	I	64	460	2	90	660	4	16	860	5	42
600	3	78	2600	I 6	38	4600	28	98	6600	41	58	8600	54	18
7		04	27		17	47		30	67		42	87		55
70		44	270	I	70	470	2	96	670	4	22	870	5	48
700	4	41	2700	I 7	01	4700	29	61	6700	42	21	8700	54	81
8		05	28		18	48		30	68		43	88		55
80		51	280	I	76	480	3	02	680	4	28	880	5	54
800	5	04	2800	I 7	64	4800	30	24	6800	42	84	8800	55	44
9		06	29		18	49		31	69		43	89		56
90		57	290	I	83	490	3	09	690	4	35	890	5	61
900	5	67	2900	I 8	27	4900	30	87	6900	43	47	8900	56	07
10		06	30		19	50		32	70		44	90		57
100		63	300	I	89	500	3	15	700	4	41	900	5	67
1000	6	30	3000	I 8	90	5000	31	50	7000	44	10	9000	56	70
11		07	31		20	51		32	71		45	91		57
110		69	310	I	95	510	3	21	710	4	47	910	5	73
1100	6	93	3100	I 9	53	5100	32	13	7100	44	73	9100	57	33
12		08	32		20	52		33	72		45	92		58
120		76	320	2	02	520	3	28	720	4	54	920	5	80
1200	7	56	3200	20	16	5200	32	76	7200	45	36	9200	57	96
13		08	33		21	53		33	73		46	93		59
130		82	330	2	08	530	3	34	730	4	60	930	5	86
1300	8	19	3300	20	79	5300	33	39	7300	45	99	9300	58	59
14		09	34		21	54		34	74		47	94		59
140		88	340	2	14	540	3	40	740	4	66	940	5	92
1400	8	82	3400	21	42	5400	34	02	7400	46	62	9400	59	22
15		09	35		22	55		35	75		47	95		60
150		95	350	2	21	550	3	47	750	4	73	950	5	99
1500	9	45	3500	22	05	5500	34	65	7500	47	25	9500	59	85
16		10	36		23	56		35	76		48	96		60
160	I	01	360	2	27	560	3	53	760	4	79	960	6	05
1600	I 0	08	3600	22	68	5600	35	28	7600	47	88	9600	60	48
17		11	37		23	57		36	77		49	97		61
170	I	07	370	2	33	570	3	59	770	4	85	970	6	11
1700	I 0	71	3700	23	31	5700	35	91	7700	48	51	9700	61	11
18		11	38		24	58		37	78		49	98		62
180	I	13	380	2	39	580	3	65	780	4	91	980	6	17
1800	I I	34	3800	23	94	5800	36	54	7800	49	14	9800	61	74
19		12	39		25	59		37	79		50	99		62
190	I	20	390	2	46	590	3	72	790	4	98	990	6	24
1900	I I	97	3900	24	57	5900	37	17	7900	49	77	9900	62	37
20		13	40		25	60		38	80		50	100		63
200	I	26	400	2	52	600	3	78	800	5	04	1000	6	30
2000	I 2	60	4000	25	20	6000	37	80	8000	50	40	10,000	63	00

POUNDS.

2000 POUNDS ONE TON.

\$12.80

64 CENTS.

\$12.80

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		13	41		26	61		39	81		52
10		06	210	I	34	410	2	62	610	3	90	810	5	18
100		64	2100	I3	44	4100	26	24	6100	39	04	8100	51	84
2		01	22		14	42		27	62		40	82		52
20		13	220	I	41	420	2	69	620	3	97	820	5	25
200	I	28	2200	I4	08	4200	26	88	6200	39	68	8200	52	48
3		02	23		15	43		28	63		40	83		53
30		19	230	I	47	430	2	75	630	4	03	830	5	31
300	I	92	2300	I4	72	4300	27	52	6300	40	32	8300	53	12
4		03	24		15	44		28	64		41	84		54
40		26	240	I	54	440	2	82	640	4	10	840	5	38
400	2	56	2400	I5	36	4400	28	16	6400	40	96	8400	53	76
5		03	25		16	45		29	65		42	85		54
50		32	250	I	60	450	2	88	650	4	16	850	5	44
500	3	20	2500	I6	00	4500	28	80	6500	41	60	8500	54	40
6		04	26		17	46		29	66		42	86		55
60		38	260	I	66	460	2	94	660	4	22	860	5	50
600	3	84	2600	I6	64	4600	29	44	6600	42	24	8600	55	04
7		04	27		17	47		30	67		43	87		56
70		45	270	I	73	470	3	01	670	4	29	870	5	57
700	4	48	2700	I7	28	4700	30	08	6700	42	88	8700	55	68
8		05	28		18	48		31	68		44	88		56
80		51	280	I	79	480	3	07	680	4	35	880	5	63
800	5	12	2800	I7	92	4800	30	72	6800	43	52	8800	56	32
9		06	29		19	49		31	69		44	89		57
90		58	290	I	86	490	3	14	690	4	42	890	5	70
900	5	76	2900	I8	56	4900	31	36	6900	44	16	8900	56	96
10		06	30		19	50		32	70		45	90		58
100		64	300	I	92	500	3	20	700	4	48	900	5	76
1000	6	40	3000	I9	20	5000	32	00	7000	44	80	9000	57	60
11		07	31		20	51		33	71		45	91		58
110		70	310	I	98	510	3	26	710	4	54	910	5	82
1100	7	04	3100	I9	84	5100	32	64	7100	45	14	9100	58	24
12		08	32		20	52		33	72		46	92		59
120		77	320	2	05	520	3	33	720	4	61	920	5	89
1200	7	68	3200	20	48	5200	33	28	7200	46	08	9200	58	88
13		08	33		21	53		34	73		47	93		60
130		83	330	2	11	530	3	39	730	4	67	930	5	95
1300	8	32	3300	21	12	5300	33	92	7300	46	72	9300	59	52
14		09	34		22	54		35	74		47	94		60
140		90	340	2	18	540	3	46	740	4	74	940	6	02
1400	8	96	3400	21	76	5400	34	56	7400	47	36	9400	60	16
15		10	35		22	55		35	75		48	95		61
150		96	350	2	24	550	3	52	750	4	80	950	6	08
1500	9	60	3500	22	40	5500	35	20	7500	48	00	9500	60	80
16		10	36		23	56		36	76		49	96		61
160	I	02	360	2	30	560	3	58	760	4	86	960	6	14
1600	I0	24	3600	23	04	5600	35	84	7600	48	64	9600	61	44
17		11	37		24	57		36	77		49	97		62
170	I	09	370	2	37	570	3	65	770	4	93	970	6	21
1700	I0	88	3700	23	68	5700	36	48	7700	49	28	9700	62	08
18		12	38		24	58		37	78		50	98		63
180	I	15	380	2	43	580	3	71	780	4	99	980	6	27
1800	I1	52	3800	24	32	5800	37	12	7800	49	92	9800	62	72
19		12	39		25	59		38	79		51	99		63
190	I	22	390	2	50	590	3	78	790	5	06	990	6	34
1900	I2	16	3900	24	96	5900	37	76	7900	50	56	9900	63	36
20		13	40		26	60		38	80		51	100		64
200	I	28	400	2	56	600	3	84	800	5	12	1000	6	40
2000	I2	80	4000	25	60	6000	38	40	8000	51	20	10.000	64	00

POUNDS.

2000 POUNDS ONE TON.

\$13.00

65 CENTS.

\$13.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		14	41		27	61		40	81		53
10		07	210	I	37	410	2	67	610	3	97	810	5	27
100		65	2100	I 3	65	4100	26	65	6100	39	65	8100	52	65
2		01	22		14	42		27	62		40	82		53
20		13	220	I	43	420	2	73	620	4	03	820	5	33
200	I	30	2200	I 4	30	4200	27	30	6200	40	30	8200	53	30
3		02	23		15	43		28	63		41	83		54
30		20	230	I	50	430	2	80	630	4	10	830	5	40
300	I	95	2300	I 4	95	4300	27	95	6300	40	95	8300	53	95
4		03	24		16	44		29	64		42	84		55
40		26	240	I	56	440	2	86	640	4	16	840	5	46
400	2	60	2400	I 5	60	4400	28	60	6400	41	60	8400	54	60
5		03	25		16	45		29	65		42	85		55
50		33	250	I	63	450	2	93	650	4	23	850	5	53
500	3	25	2500	I 6	25	4500	29	25	6500	42	25	8500	55	25
6		04	26		17	46		30	66		43	86		56
60		39	260	I	69	460	2	99	660	4	29	860	5	59
600	3	90	2600	I 6	90	4600	29	90	6600	42	90	8600	55	90
7		05	27		18	47		31	67		44	87		57
70		46	270	I	76	470	3	06	670	4	36	870	5	66
700	4	55	2700	I 7	55	4700	30	55	6700	43	55	8700	56	55
8		05	28		18	48		31	68		44	88		57
80		52	280	I	82	480	3	12	680	4	42	880	5	72
800	5	20	2800	I 8	20	4800	31	20	6800	44	20	8800	57	20
9		06	29		19	49		32	69		45	89		58
90		59	290	I	89	490	3	19	690	4	49	890	5	79
900	5	85	2900	I 8	85	4900	31	85	6900	44	85	8900	57	85
10		07	30		20	50		33	70		45	90		59
100		65	300	I	95	500	3	25	700	4	55	900	5	85
1000	6	50	3000	I 9	50	5000	32	50	7000	45	50	9000	58	50
11		07	31		20	51		33	71		46	91		59
110		72	310	2	02	510	3	32	710	4	62	910	5	92
1100	7	15	3100	20	15	5100	33	15	7100	46	15	9100	59	15
12		08	32		21	52		34	72		47	92		60
120		78	320	2	08	520	3	38	720	4	68	920	5	98
1200	7	80	3200	20	80	5200	33	80	7200	46	80	9200	59	80
13		08	33		21	53		34	73		47	93		60
130		85	330	2	15	530	3	45	730	4	75	930	6	01
1300	8	45	3300	21	45	5300	34	45	7300	47	45	9300	60	45
14		09	34		22	54		35	74		48	94		61
140		91	340	2	21	540	3	51	740	4	81	940	6	11
1400	9	10	3400	22	10	5400	35	10	7400	48	10	9400	61	10
15		10	35		23	55		36	75		49	95		62
150		98	350	2	28	550	3	58	750	4	88	950	6	18
1500	9	75	3500	22	75	5500	35	75	7500	48	75	9500	61	75
16		10	36		23	56		36	76		49	96		62
160		04	360	2	34	560	3	64	760	4	94	960	6	24
1600	10	40	3600	23	40	5600	36	40	7600	49	40	9600	62	40
17		11	37		24	57		37	77		50	97		63
170		11	370	2	41	570	3	71	770	5	01	970	6	31
1700	11	05	3700	24	05	5700	37	05	7700	50	05	9700	63	05
18		12	38		25	58		38	78		51	98		64
180		17	380	2	47	580	3	77	780	5	07	980	6	37
1800	11	70	3800	24	70	5800	37	70	7800	50	70	9800	63	70
19		12	39		25	59		38	79		51	99		64
190		24	390	2	54	590	3	84	790	5	14	990	6	44
1900	12	35	3900	25	35	5900	38	35	7900	51	35	9900	64	35
20		13	40		26	60		39	80		52	100		65
200		30	400	2	60	600	3	90	800	5	20	1000	6	50
2000	13	00	4000	26	00	6000	39	00	8000	52	00	10,000	65	00

POUNDS.

2000 POUNDS ONE TON.

\$13.20			66 CENTS.			\$13.20								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		14	41		27	61		40	81		53
10		07	210	I	39	410	2	71	610	4	03	810	5	35
100		66	2100	I 3	86	4100	27	06	6100	40	26	8100	53	46
2		01	22		15	42		28	62		41	82		54
20		13	220	I	45	420	2	77	620	4	09	820	5	41
200	I	32	2200	I 4	52	4200	27	72	6200	40	92	8200	54	12
3		02	23		15	43		28	63		42	83		55
30		20	230	I	52	430	2	84	630	4	16	830	5	48
300	I	98	2300	I 5	18	4300	28	38	6300	41	58	8300	54	78
4		03	24		16	44		29	64		42	84		55
40		26	240	I	58	440	2	90	640	4	22	840	5	54
400	2	64	2400	I 5	84	4400	29	04	6400	42	24	8400	55	44
5		03	25		17	45		30	65		43	85		56
50		33	250	I	65	450	2	97	650	4	29	850	5	61
500	3	30	2500	I 6	50	4500	29	70	6500	42	90	8500	56	10
6		04	26		17	46		30	66		44	86		57
60		40	260	I	72	460	3	04	660	4	36	860	5	68
600	3	96	2600	I 7	16	4600	30	36	6600	43	56	8600	56	70
7		05	27		18	47		31	67		44	87		57
70		46	270	I	78	470	3	10	670	4	42	870	5	74
700	4	62	2700	I 7	82	4700	31	02	6700	44	22	8700	57	42
8		05	28		18	48		32	68		45	88		58
80		53	280	I	85	480	3	17	680	4	49	880	5	81
800	5	28	2800	I 8	48	4800	31	68	6800	44	88	8800	58	08
9		06	29		19	49		32	69		46	89		59
90		59	290	I	91	490	3	23	690	4	55	890	5	87
900	5	94	2900	I 9	14	4900	32	34	6900	45	54	8900	58	74
10		07	30		20	50		33	70		46	90		59
100		66	300	I	98	500	3	30	700	4	62	900	5	94
1000	6	60	3000	I 9	80	5000	33	00	7000	46	20	9000	59	40
11		07	31		20	51		34	71		47	91		60
110		73	310	2	05	510	3	37	710	4	69	910	6	01
1100	7	26	3100	20	46	5100	33	66	7100	46	86	9100	60	06
12		08	32		21	52		34	72		48	92		61
120		79	320	2	11	520	3	43	720	4	75	920	6	07
1200	7	92	3200	21	12	5200	34	32	7200	47	52	9200	60	72
13		09	33		22	53		35	73		48	93		61
130		86	330	2	18	530	3	50	730	4	82	930	6	14
1300	8	58	3300	21	78	5300	34	98	7300	48	18	9300	61	38
14		09	34		22	54		36	74		49	94		62
140		92	340	2	24	540	3	56	740	4	88	940	6	20
1400	9	24	3400	22	44	5400	35	64	7400	48	84	9400	62	04
15		10	35		23	55		36	75		50	95		63
150		99	350	2	31	550	3	63	750	4	95	950	6	27
1500	9	90	3500	23	10	5500	36	30	7500	49	50	9500	62	70
16		11	36		24	56		37	76		50	96		63
160	I	06	360	2	38	560	3	70	760	5	02	960	6	34
1600	I 0	56	3600	23	76	5600	36	96	7600	50	16	9600	63	36
17		11	37		24	57		38	77		51	97		64
170	I	12	370	2	44	570	3	76	770	5	08	970	6	40
1700	I 1	22	3700	24	42	5700	37	62	7700	50	82	9700	64	02
18		12	38		25	58		38	78		51	98		65
180	I	19	380	2	51	580	3	83	780	5	15	980	6	47
1800	I 1	88	3800	25	08	5800	38	28	7800	51	48	9800	64	68
19		13	39		26	59		39	79		52	99		65
190	I	25	390	2	57	590	3	89	790	5	21	990	6	53
1900	I 2	54	3900	25	74	5900	38	94	7900	52	14	9900	65	34
20		13	40		26	60		40	80		53	100		66
200	I	32	400	2	64	600	3	96	800	5	28	1000	6	60
2000	I 3	20	4000	26	40	6000	39	60	8000	52	80	10,000	66	00

POUNDS.

2000 POUNDS ONE TON.



\$13.40

67 CENTS.

\$13.40

Lbs.		Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		14	41		27	61		41	81		54
10		07	210	1	41	410	2	75	610	4	09	810	5	43
100		67	2100	14	07	4100	27	47	6100	40	87	8100	54	27
2		01	22		15	42		28	62		41	82		55
20		13	220	1	47	420	2	81	620	4	15	820	5	49
200	1	34	2200	14	74	4200	28	14	6200	41	54	8200	54	94
3		02	23		15	43		29	63		42	83		56
30		20	230	1	54	430	2	88	630	4	22	830	5	56
300	2	01	2300	15	41	4300	28	81	6300	42	21	8300	55	61
4		03	24		16	44		29	64		43	84		50
40		27	240	1	61	440	2	95	640	4	29	840	5	63
400	2	68	2400	16	08	4400	29	48	6400	42	88	8400	56	28
5		03	25		17	45		30	65		44	85		57
50		34	250	1	68	450	3	02	650	4	36	850	5	70
500	3	35	2500	16	75	4500	30	15	6500	43	55	8500	56	95
6		04	26		17	46		31	66		44	86		58
60		40	260	1	74	460	3	08	660	4	42	860	5	76
600	4	02	2600	17	42	4600	30	82	6600	44	22	8600	57	62
7		05	27		18	47		31	67		45	87		58
70		47	270	1	81	470	3	15	670	4	49	870	5	83
700	4	69	2700	18	09	4700	31	49	6700	44	89	8700	58	29
8		05	28		19	48		32	68		46	88		59
80		54	280	1	88	480	3	22	680	4	56	880	5	90
800	5	36	2800	18	76	4800	32	16	6800	45	56	8800	58	96
9		06	29		19	49		33	69		46	89		60
90		60	290	1	94	490	3	28	690	4	62	890	5	96
900	6	03	2900	19	43	4900	32	83	6900	46	23	8900	59	63
10		07	30		20	50		34	70		47	90		60
100		67	300	2	01	500	3	35	700	4	69	900	6	03
1000	6	70	3000	20	10	5000	33	50	7000	46	90	9000	60	30
11		07	31		21	51		34	71		48	91		61
110		74	310	2	08	510	3	42	710	4	76	910	6	10
1100	7	37	3100	20	77	5100	34	17	7100	47	57	9100	60	97
12		08	32		21	52		35	72		48	92		62
120		80	320	2	14	520	3	48	720	4	82	920	6	16
1200	8	04	3200	21	44	5200	34	84	7200	48	24	9200	61	64
13		09	33		22	53		36	73		49	93		62
130		87	330	2	21	530	3	55	730	4	89	930	6	23
1300	8	71	3300	22	11	5300	35	51	7300	48	91	9300	62	31
14		09	34		23	54		36	74		50	94		63
140		94	340	2	28	540	3	62	740	4	96	940	6	30
1400	9	38	3400	22	78	5400	36	18	7400	49	58	9400	62	98
15		10	35		23	55		37	75		50	95		64
150	1	01	350	2	35	550	3	69	750	5	03	950	6	37
1500	10	05	3500	23	45	5500	36	85	7500	50	25	9500	63	65
16		11	36		24	56		38	76		51	96		64
160		107	360	2	41	560	3	75	760	5	09	960	6	43
1600	10	72	3600	24	12	5600	37	52	7600	50	92	9600	64	32
17		11	37		25	57		38	77		52	97		65
170		114	370	2	48	570	3	82	770	5	16	970	6	50
1700	11	39	3700	24	79	5700	38	19	7700	51	59	9700	64	99
18		12	38		25	58		39	78		52	98		66
180		121	380	2	55	580	3	89	780	5	23	980	6	57
1800	12	06	3800	25	46	5800	38	86	7800	52	26	9800	65	66
19		13	39		26	59		40	79		53	99		66
190		127	390	2	61	590	3	95	790	5	29	990	6	63
1900	12	73	3900	26	13	5900	39	53	7900	52	93	9900	66	33
20		13	40		27	60		40	80		54	100		67
200		134	400	2	68	600	4	02	800	5	36	1000	6	70
2000	13	40	4000	26	80	6000	40	20	8000	53	60	10,000	67	00

POUNDS.

2000 POUNDS ONE TON.

\$13.60			68 CENTS.			\$13.60								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		14	41		28	61		41	81		55
10		07	210	I	43	410	2	79	610	4	15	810	5	51
100		68	2100	I4	28	4100	27	88	6100	41	48	8100	55	08
2		01	22		15	42		29	62		42	82		56
20		14	220	I	50	420	2	86	620	4	22	820	5	58
200	I	36	2200	I4	96	4200	28	56	6200	42	16	8200	55	76
3		02	23		16	43		29	63		43	83		58
30		20	230	I	56	430	2	92	630	4	28	830	5	64
300	2	04	2300	I5	64	4300	29	24	6300	42	84	8300	56	44
4		03	24		16	44		30	64		44	84		57
40		27	240	I	63	440	2	99	640	4	35	840	5	71
400	2	72	2400	I6	32	4400	29	92	6400	43	52	8400	57	12
5		03	25		17	45		31	65		44	85		58
50		34	250	I	70	450	3	06	650	4	42	850	5	78
500	3	40	2500	I7	00	4500	30	60	6500	44	20	8500	57	80
6		04	26		18	46		31	66		45	86		58
60		41	260	I	77	460	3	13	660	4	49	860	5	85
600	4	08	2600	I7	68	4600	31	28	6600	44	88	8600	58	48
7		05	27		18	47		32	67		46	87		59
70		48	270	I	84	470	3	20	670	4	56	870	5	92
700	4	76	2700	I8	36	4700	31	96	6700	45	56	8700	59	16
8		05	28		19	48		33	68		46	88		60
80		54	280	I	90	480	3	26	680	4	62	880	5	98
800	5	44	2800	I9	04	4800	32	64	6800	46	24	8800	59	84
9		06	29		20	49		33	69		47	89		61
90		61	290	I	97	490	3	33	690	4	69	890	6	05
900	6	12	2900	I9	72	4900	33	32	6900	46	92	8900	60	52
10		07	30		20	50		34	70		48	90		61
100		68	300	2	04	500	3	40	700	4	76	900	6	12
1000	6	80	3000	20	40	5000	34	00	7000	47	60	9000	61	20
11		07	31		21	51		35	71		48	91		62
110		75	310	2	11	510	3	47	710	4	83	910	6	19
1100	7	48	3100	21	08	5100	34	68	7100	48	28	9100	61	88
12		08	32		22	52		35	72		49	92		63
120		82	320	2	18	520	3	54	720	4	90	920	6	26
1200	8	16	3200	21	76	5200	35	36	7200	48	96	9200	62	56
13		09	33		22	53		36	73		50	93		63
130		88	330	2	24	530	3	60	730	4	96	930	6	32
1300	8	84	3300	22	44	5300	36	04	7300	49	64	9300	63	24
14		10	34		23	54		37	74		50	94		64
140		95	340	2	31	540	3	67	740	5	03	940	6	39
1400	9	52	3400	23	12	5400	36	72	7400	50	32	9400	63	92
15		10	35		24	55		37	75		51	95		65
150	I	02	350	2	38	550	3	74	750	5	10	950	6	46
1500	I0	20	3500	23	80	5500	37	40	7500	51	00	9500	64	60
16		11	36		24	56		38	76		52	96		65
160	I	09	360	2	45	560	3	81	760	5	17	960	6	53
1600	I0	88	3600	24	48	5600	38	08	7600	51	68	9600	65	28
17		12	37		25	57		39	77		52	97		66
170	I	16	370	2	52	570	3	88	770	5	24	970	6	60
1700	I1	56	3700	25	16	5700	38	76	7700	52	36	9700	65	96
18		12	38		26	58		39	78		53	98		67
180	I	22	380	2	58	580	3	94	780	5	30	980	6	66
1800	I2	24	3800	25	84	5800	39	44	7800	53	04	9800	60	64
19		13	39		27	59		40	79		54	99		67
190	I	29	390	2	65	590	4	01	790	5	37	990	6	73
1900	I2	92	3900	26	52	5900	40	12	7900	53	72	9900	67	32
20		14	40		27	60		41	80		54	100		68
200	I	36	400	2	72	600	4	08	800	5	44	1000	6	80
2000	I3	60	4000	27	20	6000	40	80	8000	54	40	10.000	68	00

POUNDS.

2000 POUNDS ONE TON.

\$13.80			69 CENTS.			\$13.80								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		14	41		28	61		42	81		56
10		07	210	1	45	410	2	83	610	4	21	810	5	59
100		69	2100	14	49	4100	28	29	6100	42	09	8100	55	89
2		01	22		15	42		29	62		43	82		57
20		14	220	1	52	420	2	90	620	4	28	820	5	66
200	1	38	2200	15	18	4200	28	98	6200	42	78	8200	56	58
3		02	23		16	43		30	63		43	83		57
30		21	230	1	59	430	2	97	630	4	35	830	5	73
300	2	07	2300	15	87	4300	29	67	6300	43	47	8300	57	27
4		03	24		17	44		30	64		44	84		58
40		28	240	1	66	440	3	04	640	4	42	840	5	80
400	2	76	2400	16	56	4400	30	36	6400	44	16	8400	57	96
5		03	25		17	45		31	65		45	85		59
50		35	250	1	73	450	3	11	650	4	49	850	5	87
500	3	45	2500	17	25	4500	31	05	6500	44	85	8500	58	65
6		04	26		18	46		32	66		46	86		59
60		41	260	1	79	460	3	17	660	4	55	860	5	93
600	4	14	2600	17	94	4600	31	74	6600	45	54	8600	59	34
7		05	27		19	47		32	67		46	87		60
70		48	270	1	86	470	3	24	670	4	62	870	6	00
700	4	83	2700	18	63	4700	32	43	6700	46	23	8700	60	03
8		06	28		19	48		33	68		47	88		61
80		55	280	1	93	480	3	31	680	4	69	880	6	07
800	5	52	2800	19	32	4800	33	12	6800	46	92	8800	60	72
9		06	29		20	49		34	69		48	89		61
90		62	290	2	00	490	3	38	690	4	76	890	6	14
900	7	21	2900	20	01	4900	33	81	6900	47	61	8900	61	41
10		07	30		21	50		35	70		48	90		62
100		69	300	2	07	500	3	45	700	4	83	900	6	21
1000	6	90	3000	20	70	5000	34	50	7000	48	30	9000	62	10
11		08	31		21	51		35	71		49	91		63
110		76	310	2	14	510	3	52	710	4	90	910	6	28
1100	7	59	3100	21	39	5100	35	19	7100	48	99	9100	62	79
12		08	32		22	52		36	72		50	92		63
120		83	320	2	21	520	3	59	720	4	97	920	6	35
1200	8	28	3200	22	08	5200	35	88	7200	49	68	9200	63	48
13		09	33		23	53		37	73		50	93		64
130		90	330	2	28	530	3	66	730	5	04	930	6	42
1300	8	97	3300	22	77	5300	36	57	7300	50	37	9300	64	17
14		10	34		23	54		37	74		51	94		65
140		97	340	2	35	540	3	73	740	5	11	940	6	49
1400	9	66	3400	23	46	5400	37	26	7400	51	06	9400	64	86
15		10	35		24	55		38	75		52	95		66
150	1	04	350	2	42	550	3	80	750	5	18	950	6	56
1500	10	35	3500	24	15	5500	37	95	7500	51	75	9500	65	55
16		11	36		25	56		39	76		52	96		66
160	1	10	360	2	48	560	3	86	760	5	24	960	6	62
1600	11	04	3600	24	84	5600	38	64	7600	52	44	9600	66	24
17		12	37		26	57		39	77		53	97		67
170	1	17	370	2	55	570	3	93	770	5	31	970	6	69
1700	11	73	3700	25	53	5700	39	33	7700	53	13	9700	66	93
18		12	38		26	58		40	78		54	98		68
180	1	24	380	2	62	580	4	00	780	5	38	980	6	76
1800	12	42	3800	26	22	5800	40	02	7800	53	82	9800	67	62
19		13	39		27	59		41	79		55	99		68
190	1	31	390	2	69	590	4	07	790	5	45	990	6	83
1900	13	11	3900	26	91	5900	40	71	7900	54	51	9900	68	31
20		14	40		28	60		41	80		55	100		69
200	1	38	400	2	76	600	4	14	800	5	52	1000	6	90
2000	13	80	4000	27	60	6000	41	40	8000	55	20	10,000	69	00

POUNDS.

2000 POUNDS ONE TON.

\$14.00			70 CENTS.			\$14.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		15	41		29	61		43	81		57
10		07	210	I	47	410	2	87	610	4	27	810	5	67
100		70	2100	I 4	70	4100	2 8	70	6100	4 2	70	8100	5 6	70
2		01	22		15	42		29	62		43	82		57
20		14	220	I	54	420	2	94	620	4	34	820	5	74
200	I	40	2200	I 5	40	4200	2 9	40	6200	4 3	40	8200	5 7	40
3		02	23		16	43		30	63		44	83		58
30		21	230	I	61	430	3	01	630	4	41	830	5	81
300	2	10	2300	I 6	10	4300	3 0	10	6300	4 4	10	8300	5 8	10
4		03	24		17	44		31	64		45	84		59
40		28	240	I	68	440	3	08	640	4	48	840	5	88
400	2	80	2400	I 6	80	4400	3 0	80	6400	4 4	80	8400	5 8	80
5		04	25		18	45		32	65		46	85		60
50		35	250	I	75	450	3	15	650	4	55	850	5	95
500	3	50	2500	I 7	50	4500	3 1	50	6500	4 5	50	8500	5 9	50
6		04	26		18	46		32	66		46	86		60
60		42	260	I	82	460	3	22	660	4	62	860	6	02
600	4	20	2600	I 8	20	4600	3 2	20	6600	4 6	20	8600	6 0	20
7		05	27		19	47		33	67		47	87		61
70		49	270	I	89	470	3	29	670	4	69	870	6	09
700	4	90	2700	I 8	90	4700	3 2	90	6700	4 6	90	8700	6 0	90
8		06	28		20	48		34	68		48	88		62
80		56	280	I	96	480	3	36	680	4	76	880	6	16
800	5	60	2800	I 9	60	4800	3 3	60	6800	4 7	60	8800	6 1	60
9		06	29		20	49		34	69		48	89		62
90		63	290	2	03	490	3	43	690	4	83	890	6	23
900	6	30	2900	2 0	30	4900	3 4	30	6900	4 8	30	8900	6 2	30
10		07	30		21	50		35	70		49	90		63
100		70	300	2	10	500	3	50	700	4	90	900	6	30
1000	7	00	3000	2 1	00	5000	3 5	00	7000	4 9	00	9000	6 3	00
11		08	31		22	51		35	71		50	91		64
110		77	310	2	17	510	3	57	710	4	97	910	6	37
1100	7	70	3100	2 1	70	5100	3 5	70	7100	4 9	70	9100	6 3	70
12		08	32		22	52		36	72		50	92		64
120		84	320	2	24	520	3	64	720	5	04	920	6	44
1200	8	40	3200	2 2	40	5200	3 6	40	7200	5 0	40	9200	6 4	40
13		09	33		23	53		37	73		51	93		65
130		91	330	2	31	530	3	71	730	5	11	930	6	51
1300	9	10	3300	2 3	10	5300	3 7	10	7300	5 1	10	9300	6 5	10
14		10	34		24	54		38	74		52	94		66
140		98	340	2	38	540	3	78	740	5	18	940	6	58
1400	9	80	3400	2 3	80	5400	3 7	80	7400	5 1	80	9400	6 5	80
15		11	35		25	55		39	75		53	95		67
150	I	05	350	2	45	550	3	85	750	5	25	950	6	65
1500	I 0	50	3500	2 4	50	5500	3 8	50	7500	5 2	50	9500	6 6	50
16		11	36		25	56		39	76		53	96		67
160	I	12	360	2	52	560	3	92	760	5	32	960	6	72
1600	I 1	20	3600	2 5	20	5600	3 9	20	7600	5 3	20	9600	6 7	20
17		12	37		26	57		40	77		54	97		68
170	I	19	370	2	59	570	3	99	770	5	39	970	6	79
1700	I 1	90	3700	2 5	90	5700	3 9	90	7700	5 3	90	9700	6 7	90
18		13	38		27	58		41	78		55	98		69
180	I	26	380	2	66	580	4	06	780	5	46	980	6	86
1800	I 2	60	3800	2 6	60	5800	4 0	60	7800	5 4	60	9800	6 8	60
19		13	39		27	59		41	79		55	99		69
190	I	33	390	2	73	590	4	13	790	5	53	990	6	93
1900	I 3	30	3900	2 7	30	5900	4 1	30	7900	5 5	30	9900	6 9	30
20		14	40		28	60		42	80		56	100		70
200	I	40	400	2	80	600	4	20	800	5	60	1000	7	00
2000	I 4	00	4000	2 8	00	6000	4 2	00	8000	5 6	00	10,000	7 0	00

2000 POUNDS ONE TON.

369

POUNDS.

2000 POUNDS ONE TON.

\$14.40

72 CENTS.

\$14.40

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		15	41		30	61		44	81		58
10		07	210	1	51	410	2	95	610	4	39	810	5	83
100		72	2100	15	12	4100	29	52	6100	43	92	8100	58	32
2		01	22		16	42		30	62		45	82		59
20		14	220	1	58	420	3	02	620	4	46	820	5	90
200	1	44	2200	15	84	4200	30	24	6200	44	64	8200	59	04
3		02	23		17	43		31	63		45	83		60
30		22	230	1	66	430	3	10	630	4	54	830	5	98
300	2	16	2300	16	56	4300	30	96	6300	45	36	8300	59	76
4		03	24		17	44		32	64		46	84		60
40		29	240	1	73	440	3	17	640	4	61	840	6	05
400	2	88	2400	17	28	4400	31	68	6400	46	08	8400	60	48
5		04	25		18	45		32	65		47	85		61
50		36	250	1	80	450	3	24	650	4	68	850	6	12
500	3	60	2500	18	00	4500	32	40	6500	46	80	8500	61	20
6		04	26		19	46		33	66		48	86		62
60		43	260	1	87	460	3	31	660	4	75	860	6	19
600	4	32	2600	18	72	4600	33	12	6600	47	52	8600	61	92
7		05	27		19	47		34	67		48	87		63
70		50	270	1	94	470	3	38	670	4	82	870	6	26
700	5	04	2700	19	44	4700	33	84	6700	48	24	8700	62	64
8		06	28		20	48		35	68		49	88		63
80		58	280	2	02	480	3	46	680	4	90	880	6	34
800	5	76	2800	20	16	4800	34	56	6800	48	96	8800	63	36
9		06	29		21	49		35	69		50	89		64
90		65	290	2	09	490	3	53	690	4	97	890	6	41
900	6	48	2900	20	88	4900	35	28	6900	49	68	8900	64	08
10		07	30		22	50		36	70		50	90		65
100		72	300	2	16	500	3	60	700	5	04	900	6	48
1000	7	20	3000	21	60	5000	36	00	7000	50	40	9000	64	80
11		08	31		22	51		37	71		51	91		66
110		79	310	2	23	510	3	67	710	5	11	910	6	55
1100	7	92	3100	22	32	5100	36	72	7100	51	12	9100	65	52
12		09	32		23	52		37	72		52	92		66
120		86	320	2	30	520	3	74	720	5	18	920	6	62
1200	8	64	3200	23	04	5200	37	44	7200	51	84	9200	66	24
13		09	33		24	53		38	73		53	93		67
130		94	330	2	38	530	3	82	730	5	26	930	6	70
1300	9	36	3300	23	76	5300	38	16	7300	52	56	9300	66	96
14		10	34		24	54		39	74		53	94		68
140	1	01	340	2	45	540	3	89	740	5	33	940	6	77
1400	10	08	3400	24	48	5400	38	88	7400	53	28	9400	67	68
15		11	35		25	55		40	75		54	95		68
150	1	08	350	2	52	550	3	96	750	5	40	950	6	84
1500	10	80	3500	25	20	5500	39	60	7500	54	00	9500	68	40
16		12	36		26	56		40	76		55	96		69
160	1	15	360	2	59	560	4	03	760	5	47	960	6	91
1600	11	52	3600	25	92	5600	40	32	7600	54	72	9600	69	12
17		12	37		27	57		41	77		56	97		70
170	1	22	370	2	66	570	4	10	770	5	54	970	6	98
1700	12	24	3700	26	64	5700	41	04	7700	55	44	9700	69	84
18		13	38		27	58		42	78		56	98		71
180	1	30	380	2	74	580	4	18	780	5	62	980	7	06
1800	12	96	3800	27	36	5800	41	76	7800	56	16	9800	70	56
19		14	39		28	59		42	79		57	99		71
190	1	37	390	2	81	590	4	25	790	5	69	990	7	13
1900	13	68	3900	28	08	5900	42	48	7900	56	88	9900	71	28
20		14	40		29	60		43	80		58	100		72
200	1	44	400	2	88	600	4	32	800	5	76	1000	7	20
2000	14	40	4000	28	80	6000	43	20	8000	57	60	10,000	72	00

POUNDS.

2000 POUNDS ONE TON.

\$14.60			73 CENTS.			\$14.60					
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		15	41		30	61		45
10		07	210		153	410	2	99	610	4	45
100		73	2100	15	33	4100	29	93	6100	44	53
2		01	22		16	42		31	62		45
20		15	220		161	420	3	07	620	4	53
200	1	46	2200	16	06	4200	30	66	6200	45	26
3		02	23		17	43		31	63		46
30		22	230		168	430	3	14	630	4	60
300	2	19	2300	16	79	4300	31	39	6300	45	99
4		03	24		18	44		32	64		47
40		29	240		175	440	3	21	640	4	67
400	2	92	2400	17	52	4400	32	12	6400	46	72
5		04	25		18	45		33	65		47
50		37	250		183	450	3	29	650	4	75
500	3	65	2500	18	25	4500	32	85	6500	47	45
6		04	26		19	46		34	66		48
60		44	260		190	460	3	36	660	4	82
600	4	38	2600	18	98	4600	33	58	6600	48	18
7		05	27		20	47		34	67		49
70		51	270		197	470	3	43	670	4	89
700	5	11	2700	19	71	4700	34	31	6700	48	91
8		06	28		20	48		35	68		50
80		58	280		204	480	3	50	680	4	96
800	5	84	2800	20	44	4800	35	04	6800	49	64
9		07	29		21	49		36	69		50
90		66	290		212	490	3	58	690	5	04
900	6	57	2900	21	17	4900	35	77	6900	50	37
10		07	30		22	50		37	70		51
100		73	300		219	500	3	65	700	5	11
1000	7	30	3000	21	90	5000	36	50	7000	51	10
11		08	31		23	51		37	71		52
110		80	310		226	510	3	72	710	5	18
1100	8	03	3100	22	63	5100	37	23	7100	51	83
12		09	32		23	52		38	72		53
120		88	320		234	520	3	80	720	5	26
1200	8	76	3200	23	36	5200	37	96	7200	52	56
13		09	33		24	53		39	73		53
130		95	330		241	530	3	87	730	5	33
1300	9	49	3300	24	09	5300	38	69	7300	53	29
14		10	34		25	54		39	74		54
140		02	340		248	540	3	94	740	5	40
1400	10	22	3400	24	82	5400	39	42	7400	54	02
15		11	35		26	55		40	75		55
150		10	350		256	550	4	02	750	5	48
1500	10	95	3500	25	55	5500	40	15	7500	54	75
16		12	36		26	56		41	76		55
160		17	360		263	560	4	09	760	5	55
1600	11	68	3600	26	28	5600	40	88	7600	55	48
17		12	37		27	57		42	77		56
170		24	370		270	570	4	16	770	5	62
1700	12	41	3700	27	01	5700	41	61	7700	56	21
18		13	38		28	58		42	78		57
180		31	380		277	580	4	23	780	5	69
1800	13	14	3800	27	74	5800	42	34	7800	56	94
19		14	39		28	59		43	79		58
190		39	390		285	590	4	31	790	5	77
1900	13	87	3900	28	47	5900	43	07	7900	57	67
20		15	40		29	60		44	80		58
200		46	400		292	600	4	38	800	5	84
2000	14	60	4000	29	20	6000	43	80	8000	58	40
									10,000	73	00

POUNDS.

2000 POUNDS ONE TON.

\$14.80			74 CENTS.			\$14.80								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		16	41		30	61		45	81		60
10		07	210	I	55	410	3	03	610	4	51	810	5	99
100		74	2100	I5	54	4100	30	34	6100	45	14	8100	59	94
2		01	22		16	42		31	62		46	82		61
20		15	220	I	63	420	3	11	620	4	59	820	6	07
200	I	48	2200	I6	28	4200	31	08	6200	45	88	8200	60	68
3		02	23		17	43		32	63		47	83		61
30		22	230	I	70	430	3	18	630	4	66	830	6	14
300	2	22	2300	I7	02	4300	31	82	6300	46	62	8300	61	42
4		03	24		18	44		33	64		47	84		62
40		30	240	I	78	440	3	26	640	4	74	840	6	22
400	2	96	2400	I7	76	4400	32	56	6400	47	36	8400	62	16
5		04	25		19	45		33	65		48	85		63
50		37	250	I	85	450	3	33	650	4	81	850	6	29
500	3	70	2500	I8	50	4500	33	30	6500	48	10	8500	62	90
6		04	26		19	46		34	66		49	86		64
60		44	260	I	92	460	3	40	660	4	88	860	6	36
600	4	44	2600	I9	24	4600	34	04	6600	48	84	8600	63	64
7		05	27		20	47		35	67		50	87		64
70		52	270	2	00	470	3	48	670	4	96	870	6	44
700	5	18	2700	I9	98	4700	34	78	6700	49	58	8700	64	38
8		06	28		21	48		36	68		50	88		65
80		59	280	2	07	480	3	55	680	5	03	880	6	51
800	5	92	2800	20	72	4800	35	52	6800	50	32	8800	65	12
9		07	29		21	49		36	69		51	89		66
90		67	290	2	15	490	3	63	690	5	11	890	6	59
900	6	66	2900	21	46	4900	36	26	6900	51	06	8900	65	86
10		07	30		22	50		37	70		52	90		67
100		74	300	2	22	500	3	70	700	5	18	900	6	60
1000	7	40	3000	22	20	5000	37	00	7000	51	80	9000	66	60
11		08	31		23	51		38	71		53	91		67
110		81	310	2	29	510	3	77	710	5	25	910	6	73
1100	8	14	3100	22	94	5100	37	74	7100	52	54	9100	67	34
12		09	32		24	52		38	72		53	92		68
120		89	320	2	37	520	3	85	720	5	32	920	6	81
1200	8	88	3200	23	68	5200	38	48	7200	53	28	9200	68	08
13		10	33		24	53		39	73		54	93		69
130		96	330	2	44	530	3	92	730	5	40	930	6	88
1300	9	62	3300	24	42	5300	39	22	7300	54	02	9300	68	82
14		10	34		25	54		40	74		55	94		70
140	I	04	340	2	52	540	4	00	740	5	48	940	6	96
1400	I0	36	3400	25	16	5400	39	96	7400	54	76	9400	69	56
15		11	35		26	55		41	75		56	95		70
150	I	11	350	2	59	550	4	07	750	5	55	950	7	03
1500	I1	10	3500	25	90	5500	40	70	7500	55	50	9500	70	30
16		12	36		27	56		41	76		56	96		71
160	I	18	360	2	66	560	4	14	760	5	62	960	7	10
1600	I1	84	3600	26	64	5600	41	44	7600	56	24	9600	71	04
17		13	37		27	57		42	77		57	97		72
170	I	20	370	2	74	570	4	22	770	5	69	970	7	18
1700	I2	58	3700	27	38	5700	42	18	7700	56	98	9700	71	78
18		13	38		28	58		43	78		58	98		73
180	I	33	380	2	81	580	4	29	780	5	77	980	7	25
1800	I3	32	3800	28	12	5800	42	92	7800	57	72	9800	72	52
19		14	39		29	59		44	79		58	99		73
190	I	41	390	2	89	590	4	37	790	5	85	990	7	33
1900	I4	06	3900	28	86	5900	43	66	7900	58	46	9900	73	26
20		15	40		30	60		44	80		59	100		74
200	I	48	400	2	96	600	4	44	800	5	92	1000	7	40
2000	I4	80	4000	29	60	6000	44	40	8000	59	20	10,000	74	00

POUNDS.

2000 POUNDS ONE TON.

\$15.00

75 CENTS.

\$15.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		16	41		31	61		46	81		61
10		08	210	1	58	410	3	08	610	4	58	810	6	08
100		75	2100	15	75	4100	30	75	6100	45	75	8100	60	75
2		02	22		17	42		32	62		47	82		62
20		15	220	1	65	420	3	15	620	4	65	820	6	15
200	1	50	2200	16	50	4200	31	50	6200	46	50	8200	61	50
3		02	23		17	43		32	63		47	83		62
30		23	230	1	73	430	3	23	630	4	73	830	6	23
300	2	25	2300	17	25	4300	32	25	6300	47	25	8300	62	25
4		03	24		18	44		33	64		48	84		63
40		30	240	1	80	440	3	30	640	4	80	840	6	30
400	3	00	2400	18	00	4400	33	00	6400	48	00	8400	63	00
5		04	25		19	45		34	65		49	85		64
50		38	250	1	88	450	3	38	650	4	88	850	6	38
500	3	75	2500	18	75	4500	33	75	6500	48	75	8500	63	75
6		05	26		20	46		35	66		50	86		65
60		45	260	1	95	460	3	45	660	4	95	860	6	45
600	4	50	2600	19	50	4600	34	50	6600	49	50	8600	64	50
7		05	27		20	47		35	67		50	87		65
70		53	270	2	03	470	3	53	670	5	03	870	6	53
700	5	25	2700	20	25	4700	35	25	6700	50	25	8700	65	25
8		06	28		21	48		36	68		51	88		66
80		60	280	2	10	480	3	60	680	5	10	880	6	60
800	6	00	2800	21	00	4800	36	00	6800	51	00	8800	66	00
9		07	29		22	49		37	69		52	89		67
90		68	290	2	18	490	3	68	690	5	18	890	6	68
900	6	75	2900	21	75	4900	36	75	6900	51	75	8900	66	75
10		08	30		23	50		38	70		52	90		68
100		75	300	2	25	500	3	75	700	5	25	900	6	75
1000	7	50	3000	22	50	5000	37	50	7000	52	50	9000	67	50
11		08	31		23	51		38	71		53	91		68
110		83	310	2	33	510	3	83	710	5	32	910	6	83
1100	8	25	3100	23	25	5100	38	25	7100	53	25	9100	68	25
12		09	32		24	52		39	72		54	92		69
120		90	320	2	40	520	3	90	720	5	40	920	6	90
1200	9	00	3200	24	00	5200	39	00	7200	54	00	9200	69	00
13		10	33		25	53		40	73		55	93		70
130		98	330	2	48	530	3	98	730	5	48	930	6	98
1300	9	75	3300	24	75	5300	39	75	7300	54	75	9300	69	75
14		11	34		26	54		41	74		56	94		70
140	1	05	340	2	55	540	4	05	740	5	55	940	7	05
1400	10	50	3400	25	50	5400	40	50	7400	55	50	9400	70	50
15		11	35		26	55		41	75		56	95		71
150	1	13	350	2	63	550	4	13	750	5	63	950	7	13
1500	11	25	3500	26	25	5500	41	25	7500	56	25	9500	71	25
16		12	36		27	56		42	76		57	96		72
160	1	20	360	2	70	560	4	20	760	5	70	960	7	20
1600	12	00	3600	27	00	5600	42	00	7600	57	00	9600	72	00
17		13	37		28	57		43	77		58	97		73
170	1	28	370	2	78	570	4	28	770	5	78	970	7	28
1700	12	75	3700	27	75	5700	42	75	7700	57	75	9700	72	75
18		14	38		29	58		44	78		59	98		74
180	1	35	380	2	85	580	4	35	780	5	85	980	7	35
1800	13	50	3800	28	50	5800	43	50	7800	58	50	9800	73	50
19		14	39		29	59		44	79		59	99		74
190	1	43	390	2	93	590	4	43	790	5	93	990	7	43
1900	14	25	3900	29	25	5900	44	25	7900	59	25	9900	74	25
20		15	40		30	60		45	80		60	100		75
200	1	50	400	3	00	600	4	50	800	6	00	1000	7	50
2000	15	00	4000	30	00	6000	45	00	8000	60	00	10.000	75	00

POUNDS.

2000 POUNDS ONE TON.

\$15.20			76 CENTS.			\$15.20								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		16	41		31	61		46	81		62
10		08	210	I	60	410	3	12	610	4	64	810	6	16
100		76	2100	I 5	96	4100	3 I	16	6100	46	36	8100	6 I	56
2		02	22		17	42		32	62		47	82		62
20		15	220	I	67	420	3	19	620	4	71	820	6	23
200	I	52	2200	I 6	72	4200	3 I	92	6200	47	12	8200	6 2	32
3		02	23		17	43		33	63		48	83		63
30		23	230	I	75	430	3	27	630	4	79	830	6	31
300	2	28	2300	I 7	48	4300	3 2	68	6300	47	88	8300	6 3	08
4		03	24		18	44		33	64		49	84		64
40		30	240	I	82	440	3	34	640	4	86	840	6	38
400	3	04	2400	I 8	24	4400	3 3	44	6400	48	64	8400	6 3	84
5		04	25		19	45		34	65		49	85		65
50		38	250	I	90	450	3	42	650	4	94	850	6	46
500	3	80	2500	I 9	00	4500	3 4	20	6500	49	40	8500	6 4	60
6		05	26		20	46		35	66		50	86		65
60		46	260	I	98	460	3	50	660	5	02	860	6	54
600	4	56	2600	I 9	76	4600	3 4	96	6600	50	16	8600	6 5	36
7		05	27		21	47		36	67		51	87		66
70		53	270	2	05	470	3	57	670	5	09	870	6	61
700	5	32	2700	2 0	52	4700	3 5	72	6700	50	92	8700	6 6	12
8		06	28		21	48		36	68		52	88		67
80		61	280	2	13	480	3	65	680	5	17	880	6	69
800	6	08	2800	2 I	28	4800	3 6	48	6800	51	68	8800	6 6	88
9		07	29		22	49		37	69		52	89		68
90		68	290	2	20	490	3	72	690	5	24	890	6	76
900	6	84	2900	2 2	04	4900	3 7	24	6900	52	44	8900	6 7	64
10		08	30		23	50		38	70		53	90		68
100		76	300	2	28	500	3	80	700	5	32	900	6	84
1000	7	60	3000	2 2	80	5000	3 8	00	7000	53	20	9000	6 8	40
11		08	31		24	51		39	71		54	91		69
110		84	310	2	36	510	3	88	710	5	40	910	6	92
1100	8	36	3100	2 3	56	5100	3 8	76	7100	53	96	9100	6 9	16
12		09	32		24	52		40	72		55	92		70
120		91	320	2	43	520	3	95	720	5	47	920	6	99
1200	9	12	3200	2 4	32	5200	3 9	52	7200	54	72	9200	6 9	92
13		10	33		25	53		40	73		55	93		71
130		99	330	2	51	530	4	03	730	5	56	930	7	07
1300	9	88	3300	2 5	08	5300	4 0	28	7300	55	48	9300	7 0	68
14		11	34		26	54		41	74		56	94		71
140	I	06	340	2	58	540	4	10	740	5	62	940	7	14
1400	I 0	64	3400	2 5	84	5400	4 I	04	7400	56	24	9400	7 I	44
15		11	35		27	55		42	75		57	95		72
150	I	14	350	2	66	550	4	18	750	5	70	950	7	22
1500	I I	40	3500	2 6	60	5500	4 I	80	7500	57	00	9500	7 2	20
16		12	36		27	56		43	76		58	96		73
160	I	22	360	2	74	560	4	26	760	5	78	960	7	30
1600	I 2	16	3600	2 7	36	5600	4 2	56	7600	57	76	9600	7 2	96
17		13	37		28	57		43	77		59	97		74
170	I	29	370	2	81	570	4	33	770	5	85	970	7	37
1700	I 2	92	3700	2 8	12	5700	4 3	32	7700	58	52	9700	7 3	72
18		14	38		29	58		44	78		59	98		74
180	I	37	380	2	89	580	4	41	780	5	93	980	7	45
1800	I 3	68	3800	2 8	88	5800	4 4	08	7800	59	28	9800	7 4	48
19		14	39		30	59		45	79		60	99		75
190	I	44	390	2	96	590	4	48	790	6	00	990	7	52
1900	I 4	44	3900	2 9	64	5900	4 4	84	7900	60	04	9900	7 5	24
20		15	40		30	60		46	80		61	100		76
200	I	52	400	3	04	600	4	56	800	6	08	1000	7	60
2000	I 5	20	4000	3 0	40	6000	4 5	60	8000	60	80	10,000	7 6	00

POUNDS.

2000 POUNDS ONE TON.

\$15.40

77 CENTS.

\$15.40

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		16	41		32	61		47	81		62
10		08	210	I	62	410	3	16	610	4	70	810	6	24
100		77	2100	I 6	17	4100	3 I	57	6100	46	97	8100	62	37
2		02	22		17	42		32	62		48	82		63
20		15	220	I	69	420	3	23	620	4	77	820	6	31
200	I	54	2200	I 6	94	4200	32	34	6200	47	74	8200	63	14
3		02	23		18	43		33	63		49	83		64
30		23	230	I	77	430	3	31	630	4	85	830	6	39
300	2	31	2300	I 7	71	4300	33	11	6300	48	51	8300	63	91
4		03	24		18	44		34	64		49	84		65
40		31	240	I	85	440	3	39	640	4	93	840	6	47
400	3	08	2400	I 8	48	4400	33	88	6400	49	28	8400	64	68
5		04	25		19	45		35	65		50	85		65
50		39	250	I	93	450	3	47	650	5	01	850	6	55
500	3	85	2500	I 9	25	4500	34	65	6500	50	05	8500	65	45
6		05	26		20	46		35	66		51	86		66
60		46	260	2	00	460	3	54	660	5	08	860	6	62
600	4	62	2600	2 0	02	4600	35	42	6600	50	82	8600	66	22
7		05	27		21	47		36	67		52	87		67
70		54	270	2	08	470	3	62	670	5	16	870	6	70
700	5	39	2700	2 0	79	4700	36	19	6700	51	59	8700	66	99
8		06	28		22	48		37	68		52	88		68
80		62	280	2	16	480	3	70	680	5	24	880	6	78
800	6	16	2800	2 I	56	4800	36	96	6800	52	36	8800	67	76
9		07	29		22	49		38	69		53	89		69
90		69	290	2	23	490	3	77	690	5	31	890	6	85
900	6	93	2900	22	33	4900	37	73	6900	53	13	8900	68	53
10		08	30		23	50		39	70		54	90		69
100		77	300	2	31	500	3	85	700	5	39	900	6	93
1000	7	70	3000	23	10	5000	38	50	7000	53	90	9000	69	30
11		08	31		24	51		39	71		55	91		70
110		85	310	2	39	510	3	93	710	5	47	910	7	01
1100	8	47	3100	23	87	5100	39	27	7100	54	67	9100	70	07
12		09	32		25	52		40	72		56	92		71
120		92	320	2	46	520	4	00	720	5	54	920	7	08
1200	9	24	3200	24	64	5200	40	04	7200	55	44	9200	70	84
13		10	33		25	53		41	73		56	93		72
130		100	330	2	54	530	4	08	730	5	62	930	7	16
1300	I 0	01	3300	25	41	5300	40	81	7300	56	21	9300	71	61
14		11	34		26	54		42	74		57	94		72
140		108	340	2	62	540	4	16	740	5	70	940	7	24
1400	I 0	78	3400	26	18	5400	41	58	7400	56	98	9400	72	38
15		12	35		27	55		42	75		58	95		73
150		116	350	2	70	550	4	24	750	5	78	950	7	32
1500	I I	55	3500	26	95	5500	42	35	7500	57	75	9500	73	15
16		12	36		28	56		43	76		59	96		74
160		123	360	2	77	560	4	31	760	5	85	960	7	39
1600	I 2	32	3600	27	72	5600	43	12	7600	58	52	9600	73	92
17		13	37		28	57		44	77		59	97		75
170		131	370	2	85	570	4	39	770	5	93	970	7	47
1700	I 3	09	3700	28	49	5700	43	89	7700	59	29	9700	74	69
18		14	38		29	58		45	78		60	98		75
180		139	380	2	93	580	4	47	780	6	01	980	7	55
1800	I 3	86	3800	29	26	5800	44	66	7800	60	06	9800	75	46
19		15	39		30	59		45	79		61	99		76
190		146	390	3	00	590	4	54	790	6	08	990	7	62
1900	I 4	63	3900	30	03	5900	45	43	7900	60	83	9900	76	23
20		15	40		31	60		46	80		62	100		77
200		154	400	3	08	600	4	62	800	6	16	1000	7	70
2000	I 5	40	4000	30	80	6000	46	20	8000	61	60	10,000	77	00

POUNDS.

2000 POUNDS ONE TON.

\$15.60			78 CENTS.									\$15.60		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		16	41		32	61		48	81		63
10		08	210	1	64	410	3	20	610	4	76	810	6	32
100		78	2100	16	38	4100	31	98	6100	47	58	8100	63	18
2		02	22		17	42		33	62		48	82		64
20		16	220	1	72	420	3	28	620	4	84	820	6	40
200	1	56	2200	17	16	4200	32	76	6200	48	36	8200	63	96
3		02	23		18	43		34	63		49	83		65
30		23	230	1	79	430	3	35	630	4	91	830	6	47
300	2	34	2300	17	94	4300	33	54	6300	49	14	8300	64	74
4		03	24		19	44		34	64		50	84		66
40		31	240	1	87	440	3	43	640	4	99	840	6	55
400	3	12	2400	18	72	4400	34	32	6400	49	92	8400	65	52
5		04	25		20	45		35	65		51	85		66
50		39	250	1	95	450	3	51	650	5	07	850	6	63
500	3	90	2500	19	50	4500	35	10	6500	50	70	8500	66	30
6		05	26		20	46		36	66		51	86		67
60		47	260	2	03	460	3	59	660	5	15	860	6	71
600	4	68	2600	20	23	4600	35	88	6600	51	48	8600	67	08
7		05	27		21	47		37	67		52	87		68
70		55	270	2	11	470	3	67	670	5	23	870	6	79
700	5	46	2700	21	06	4700	36	66	6700	52	26	8700	67	86
8		06	28		22	48		37	68		53	88		69
80		62	280	2	18	480	3	74	680	5	30	880	6	86
800	6	24	2800	21	84	4800	37	44	6800	53	04	8800	68	64
9		07	29		23	49		38	69		54	89		69
90		70	290	2	26	490	3	82	690	5	38	890	6	94
900	7	02	2900	22	62	4900	38	22	6900	53	82	8900	69	42
10		08	30		23	50		39	70		55	90		70
100		78	300	2	34	500	3	90	700	5	46	900	7	02
1000	7	80	3000	23	40	5000	39	00	7000	54	60	9000	70	20
11		09	31		24	51		40	71		55	91		71
110		86	310	2	42	510	3	98	710	5	54	910	7	10
1100	8	58	3100	24	18	5100	39	78	7100	55	38	9100	70	98
12		09	32		25	52		41	72		56	92		72
120		94	320	2	50	520	4	06	720	5	62	920	7	18
1200	9	36	3200	24	96	5200	40	56	7200	56	16	9200	71	76
13		10	33		26	53		41	73		57	93		73
130	1	01	330	2	57	530	4	13	730	5	69	930	7	25
1300	10	14	3300	25	74	5300	41	34	7300	56	94	9300	72	54
14		11	34		27	54		42	74		58	94		73
140	1	09	340	2	65	540	4	21	740	5	77	940	7	33
1400	10	92	3400	26	52	5400	42	12	7400	57	72	9400	73	32
15		12	35		27	55		43	75		59	95		74
150	1	17	350	2	73	550	4	29	750	5	85	950	7	41
1500	11	70	3500	27	30	5500	42	90	7500	58	50	9500	74	10
16		12	36		28	56		44	76		59	96		75
160	1	25	360	2	81	560	4	37	760	5	93	960	7	49
1600	12	48	3600	28	08	5600	43	68	7600	59	28	9600	74	88
17		13	37		29	57		44	77		60	97		76
170	1	33	370	2	89	570	4	45	770	6	01	970	7	57
1700	13	26	3700	28	86	5700	44	46	7700	60	06	9700	75	66
18		14	38		30	58		45	78		61	98		76
180	1	40	380	2	96	580	4	52	780	6	08	980	7	64
1800	14	04	3800	29	64	5800	45	24	7800	60	84	9800	76	44
19		15	39		30	59		46	79		62	99		77
190	1	48	390	3	04	590	4	60	790	6	16	990	7	72
1900	14	82	3900	30	42	5900	46	02	7900	61	62	9900	77	22
20		16	40		31	60		47	80		62	100		78
200	1	56	400	3	12	600	4	68	800	6	24	1000	7	80
2000	15	60	4000	31	20	6000	46	80	8000	62	40	10,000	78	00

POUNDS.

2000 POUNDS ONE TON.

\$15.80			79 CENTS.			\$15.80								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		17	41		32	61		48	81		64
10		08	210	1	66	410	3	24	610	4	82	810	6	40
100		79	2100	16	59	4100	32	39	6100	48	19	8100	63	99
2		02	22		17	42		33	62		49	82		65
20		16	220	1	74	420	3	32	620	4	90	820	6	48
200	1	58	2200	17	38	4200	33	18	6200	48	98	8200	64	78
3		02	23		18	43		34	63		50	83		66
30		24	230	1	82	430	3	40	630	4	98	830	6	56
300	2	37	2300	18	17	4300	33	97	6300	49	77	8300	65	57
4		03	24		19	44		35	64		51	84		66
40		32	240	1	90	440	3	48	640	5	06	840	6	64
400	3	16	2400	18	96	4400	34	76	6400	50	56	8400	66	30
5		04	25		20	45		36	65		51	85		67
50		40	250	1	98	450	3	56	650	5	14	850	6	72
500	3	95	2500	19	75	4500	35	55	6500	51	35	8500	67	15
6		05	26		21	46		36	66		52	86		68
60		47	260	2	05	460	3	63	660	5	21	860	6	79
600	4	74	2600	20	54	4600	36	34	6600	52	14	8600	67	94
7		06	27		21	47		37	67		53	87		69
70		55	270	2	13	470	3	71	670	5	29	870	6	87
700	5	53	2700	21	33	4700	37	13	6700	52	93	8700	68	73
8		06	28		22	48		38	68		54	88		70
80		63	280	2	21	480	3	79	680	5	37	880	6	95
800	6	32	2800	22	12	4800	37	92	6800	53	72	8800	69	52
9		07	29		23	49		39	69		55	89		70
90		71	290	2	29	490	3	87	690	5	45	890	7	03
900	7	11	2900	22	91	4900	38	71	6900	54	51	8900	70	31
10		08	30		24	50		40	70		55	90		71
100		79	300	2	37	500	3	95	700	5	53	900	7	11
1000	7	90	3000	23	70	5000	39	50	7000	55	30	9000	71	10
11		09	31		24	51		40	71		56	91		72
110		87	310	2	45	510	4	03	710	5	61	910	7	19
1100	8	69	3100	24	49	5100	40	29	7100	56	09	9100	71	89
12		09	32		25	52		41	72		57	92		73
120		95	320	2	53	520	4	11	720	5	69	920	7	27
1200	9	48	3200	25	28	5200	41	08	7200	56	88	9200	72	68
13		10	33		26	53		42	73		58	93		73
130	1	03	330	2	61	530	4	19	730	5	77	930	7	35
1300	10	27	3300	26	07	5300	41	87	7300	57	67	9300	73	47
14		11	34		27	54		43	74		58	94		74
140	1	11	340	2	69	540	4	27	740	5	85	940	7	43
1400	11	06	3400	26	86	5400	42	66	7400	58	46	9400	74	26
15		12	35		28	55		43	75		59	95		75
150	1	19	350	2	77	550	4	35	750	5	93	950	7	51
1500	11	85	3500	27	65	5500	43	45	7500	59	25	9500	75	05
16		13	36		28	56		44	76		60	96		76
160	1	26	360	2	84	560	4	42	760	6	00	960	7	58
1600	12	64	3600	28	44	5600	44	24	7600	60	04	9600	75	84
17		13	37		29	57		45	77		61	97		77
170	1	34	370	2	92	570	4	50	770	6	08	970	7	66
1700	13	43	3700	29	23	5700	45	03	7700	60	83	9700	76	63
18		14	38		30	58		46	78		62	98		77
180	1	42	380	3	00	580	4	58	780	6	16	980	7	74
1800	14	22	3800	30	02	5800	45	82	7800	61	62	9800	77	42
19		15	39		31	59		47	79		62	99		78
190	1	50	390	3	07	590	4	66	790	6	24	990	7	82
1900	15	01	3900	30	81	5900	46	61	7900	62	41	9900	78	21
20		16	40		32	60		47	80		63	100		79
200	1	58	400	3	16	600	4	74	800	6	32	1000	7	90
2000	15	80	4000	31	60	6000	47	40	8000	63	20	10.000	79	00

POUNDS.

2000 POUNDS ONE TON.

\$16.00			80 CENTS.			\$16.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		17	41		33	61		49	81		65
10		08	210	1	68	410	3	28	610	4	88	810	6	48
100		80	2100	16	80	4100	32	80	6100	48	80	8100	64	80
2		02	22		18	42		34	62		50	82		66
20		16	220	1	76	420	3	36	620	4	96	820	6	56
200	1	60	2200	17	60	4200	33	60	6200	49	60	8200	65	60
3		02	23		18	43		34	63		50	83		66
30		24	230	1	84	430	3	44	630	5	04	830	6	64
300	2	40	2300	18	40	4300	34	40	6300	50	40	8300	66	40
4		03	24		19	44		35	64		51	84		67
40		32	240	1	92	440	3	52	640	5	12	840	6	72
400	3	20	2400	19	20	4400	35	20	6400	51	20	8400	67	20
5		04	25		20	45		36	65		52	85		68
50		40	250	2	00	450	3	60	650	5	20	850	6	80
500	4	00	2500	20	00	4500	36	00	6500	52	00	8500	68	00
6		05	26		21	46		37	66		53	86		69
60		48	260	2	08	460	3	68	660	5	28	860	6	88
600	4	80	2600	20	80	4600	36	80	6600	52	80	8600	68	80
7		06	27		22	47		38	67		54	87		70
70		56	270	2	16	470	3	76	670	5	36	870	6	96
700	5	60	2700	21	60	4700	37	60	6700	53	60	8700	69	60
8		06	28		22	48		38	68		54	88		70
80		64	280	2	24	480	3	84	680	5	44	880	7	04
800	6	40	2800	22	40	4800	38	40	6800	54	40	8800	70	40
9		07	29		23	49		39	69		55	89		71
90		72	290	2	32	490	3	92	690	5	52	890	7	12
900	7	20	2900	23	20	4900	39	20	6900	55	20	8900	71	20
10		08	30		24	50		40	70		56	90		72
100		80	300	2	40	500	4	00	700	5	60	900	7	20
1000	8	00	3000	24	00	5000	40	00	7000	56	00	9000	72	00
11		09	31		25	51		41	71		57	91		73
110		88	310	2	48	510	4	08	710	5	68	910	7	28
1100	8	80	3100	24	80	5100	40	80	7100	56	80	9100	72	80
12		10	32		26	52		42	72		58	92		74
120		96	320	2	56	520	4	16	720	5	76	920	7	36
1200	9	60	3200	25	60	5200	41	60	7200	57	60	9200	73	60
13		10	33		26	53		42	73		58	93		74
130	1	04	330	2	64	530	4	24	730	5	84	930	7	44
1300	10	40	3300	26	40	5300	42	40	7300	58	40	9300	74	40
14		11	34		27	54		43	74		59	94		75
140	1	12	340	2	72	540	4	32	740	5	92	940	7	52
1400	11	20	3400	27	20	5400	43	20	7400	59	20	9400	75	20
15		12	35		28	55		44	75		60	95		76
150	1	20	350	2	80	550	4	40	750	6	00	950	7	60
1500	12	00	3500	28	00	5500	44	00	7500	60	00	9500	76	00
16		13	36		29	56		45	76		61	96		77
160	1	28	360	2	88	560	4	48	760	6	08	960	7	68
1600	12	80	3600	28	80	5600	44	80	7600	60	80	9600	76	80
17		14	37		30	57		46	77		62	97		78
170	1	36	370	2	96	570	4	56	770	6	16	970	7	76
1700	13	60	3700	29	60	5700	45	60	7700	61	60	9700	77	60
18		14	38		30	58		46	78		62	98		78
180	1	44	380	3	04	580	4	64	780	6	24	980	7	84
1800	14	40	3800	30	40	5800	46	40	7800	62	40	9800	78	40
19		15	39		31	59		47	79		63	99		79
190	1	52	390	3	12	590	4	72	790	6	32	990	7	92
1900	15	20	3900	31	20	5900	47	20	7900	63	20	9900	79	20
20		16	40		32	60		48	80		64	100		80
200	1	60	400	3	20	600	4	80	800	6	40	1000	8	00
2000	16	00	4000	32	00	6000	48	00	8000	64	00	10,000	80	00

POUNDS.

2000 POUNDS ONE TON.

\$16.20

81 CENTS.

\$16.20

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		17	41		33	61		49	81		66
10		08	210	1	70	410	3	32	610	4	94	810	6	56
100		81	2100	17	01	4100	33	21	6100	49	41	8100	65	61
2		02	22		18	42		34	62		50	82		66
20		16	220	1	78	420	3	40	620	5	02	820	6	64
200	1	62	2200	17	82	4200	34	02	6200	50	22	8200	66	42
3		02	23		19	43		35	63		51	83		67
30		24	230	1	86	430	3	48	630	5	10	830	6	72
300	2	43	2300	18	63	4300	34	83	6300	51	03	8300	67	23
4		03	24		19	44		36	64		52	84		68
40		32	240	1	94	440	3	56	640	5	18	840	6	80
400	3	24	2400	19	44	4400	35	64	6400	51	84	8400	68	04
5		04	25		20	45		36	65		53	85		69
50		41	250	2	03	450	3	65	650	5	27	850	6	88
500	4	05	2500	20	25	4500	36	45	6500	52	65	8500	68	85
6		05	26		21	46		37	66		53	86		70
60		49	260	2	11	460	3	73	660	5	35	860	6	97
600	4	86	2600	21	06	4600	37	26	6600	53	46	8600	69	66
7		06	27		22	47		38	67		54	87		70
70		57	270	2	19	470	3	81	670	5	43	870	7	05
700	5	67	2700	21	87	4700	38	07	6700	54	27	8700	70	47
8		06	28		23	48		39	68		55	88		71
80		65	280	2	27	480	3	89	680	5	51	880	7	13
800	6	48	2800	22	68	4800	38	88	6800	55	08	8800	71	28
9		07	29		23	49		40	69		56	89		72
90		73	290	2	35	490	3	97	690	5	59	890	7	21
900	7	29	2900	23	49	4900	39	69	6900	55	89	8900	72	09
10		08	30		24	50		41	70		57	90		73
100		81	300	2	43	500	4	05	700	5	67	900	7	29
1000	8	10	3000	24	30	5000	40	50	7000	56	70	9000	72	90
11		09	31		25	51		41	71		58	91		74
110		89	310	2	51	510	4	13	710	5	75	910	7	37
1100	8	91	3100	25	11	5100	41	31	7100	57	51	9100	73	71
12		10	32		26	52		42	72		58	92		74
120		97	320	2	59	520	4	21	720	5	83	920	7	45
1200	9	72	3200	25	92	5200	42	12	7200	58	32	9200	74	52
13		11	33		27	53		43	73		59	93		75
130	1	05	330	2	67	530	4	29	730	5	91	930	7	53
1300	10	53	3300	26	73	5300	42	93	7300	59	13	9300	75	33
14		11	34		28	54		44	74		60	94		76
140	1	13	340	2	75	540	4	37	740	5	99	940	7	61
1400	11	34	3400	27	54	5400	43	74	7400	59	94	9400	76	14
15		12	35		28	55		45	75		61	95		77
150	1	22	350	2	84	550	4	46	750	6	08	950	7	70
1500	12	15	3500	28	35	5500	44	55	7500	60	75	9500	76	95
16		13	36		29	56		45	76		62	96		78
160	1	30	360	2	92	560	4	54	760	6	16	960	7	78
1600	12	96	3600	29	16	5600	45	36	7600	61	56	9600	77	76
17		14	37		30	57		46	77		62	97		79
170	1	38	370	3	00	570	4	62	770	6	24	970	7	86
1700	13	77	3700	29	97	5700	46	17	7700	62	37	9700	78	57
18		15	38		31	58		47	78		63	98		79
180	1	46	380	3	08	580	4	70	780	6	32	980	7	94
1800	14	58	3800	30	78	5800	46	98	7800	63	18	9800	79	38
19		15	39		32	59		48	79		64	99		80
190	1	54	390	3	16	590	4	78	790	6	40	990	8	02
1900	15	39	3900	31	59	5900	47	79	7900	63	99	9900	80	19
20		16	40		32	60		49	80		65	100		81
200	1	62	400	3	24	600	4	86	800	6	48	1000	8	10
2000	16	20	4000	32	40	6000	48	60	8000	64	80	10,000	81	00

POUNDS.

2000 POUNDS ONE TON.

\$16.40

82 CENTS.

\$16.40

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		17	41		34	61		50	81		66
10		08	210	I	72	410	3	36	610	5	00	810	6	64
100		82	2100	I 7	22	4100	33	62	6100	50	02	8100	66	42
2		02	22		18	42		34	62		51	82		67
20		16	220	I	80	420	3	44	620	5	08	820	6	72
200	I	64	2200	I 8	04	4200	34	44	6200	50	84	8200	67	24
3		02	23		19	43		35	63		52	83		68
30		25	230	I	89	430	3	53	630	5	17	830	6	81
300	2	46	2300	I 8	86	4300	35	26	6300	51	66	8300	68	06
4		03	24		20	44		36	64		52	84		69
40		33	240	I	97	440	3	61	640	5	25	840	6	89
400	3	28	2400	I 9	68	4400	36	08	6400	52	48	8400	68	88
5		04	25		21	45		37	65		53	85		70
50		41	250	2	05	450	3	69	650	5	33	850	6	97
500	4	10	2500	20	50	4500	36	90	6500	53	30	8500	69	70
6		05	26		21	46		38	66		54	86		71
60		49	260	2	13	460	3	77	660	5	41	860	7	05
600	4	92	2600	21	32	4600	37	72	6600	54	12	8600	70	52
7		06	27		22	47		39	67		55	87		71
70		57	270	2	21	470	3	85	670	5	49	870	7	13
700	5	74	2700	22	14	4700	38	54	6700	54	94	8700	71	34
8		07	28		23	48		39	68		56	88		72
80		66	280	2	30	480	3	94	680	5	58	880	7	22
800	6	56	2800	22	96	4800	39	36	6800	55	76	8800	72	16
9		07	29		24	49		40	69		57	89		73
90		74	290	2	38	490	4	02	690	5	66	890	7	30
900	7	38	2900	23	78	4900	40	18	6900	56	58	8900	72	98
10		08	30		25	50		41	70		57	90		74
100		82	300	2	46	500	4	10	700	5	74	900	7	38
1000	8	20	3000	24	60	5000	41	00	7000	57	40	9000	73	80
11		09	31		25	51		42	71		58	91		75
110		90	310	2	54	510	4	18	710	5	82	910	7	46
1100	9	02	3100	25	42	5100	41	82	7100	58	22	9100	74	62
12		10	32		26	52		43	72		59	92		75
120		98	320	2	62	520	4	26	720	5	90	920	7	54
1200	9	84	3200	26	24	5200	42	64	7200	59	04	9200	75	44
13		11	33		27	53		43	73		60	93		76
130	I	07	330	2	71	530	4	35	730	5	99	930	7	63
1300	I 0	66	3300	27	06	5300	43	46	7300	59	86	9300	76	26
14		11	34		28	54		44	74		61	94		77
140	I	15	340	2	79	540	4	43	740	6	07	940	7	71
1400	I 1	48	3400	27	88	5400	44	28	7400	60	68	9400	77	08
15		12	35		29	55		45	75		62	95		78
150	I	23	350	2	87	550	4	51	750	6	15	950	7	79
1500	I 2	30	3500	28	70	5500	45	10	7500	61	50	9500	77	90
16		13	36		30	56		46	76		62	96		79
160	I	31	360	2	95	560	4	59	760	6	23	960	7	87
1600	I 3	12	3600	29	52	5600	45	92	7600	62	32	9600	78	72
17		14	37		30	57		47	77		63	97		80
170	I	39	370	3	03	570	4	67	770	6	31	970	7	95
1700	I 3	94	3700	30	34	5700	46	74	7700	63	14	9700	79	54
18		15	38		31	58		48	78		64	98		80
180	I	48	380	3	12	580	4	76	780	6	40	980	8	04
1800	I 4	76	3800	31	16	5800	47	56	7800	63	96	9800	80	36
19		16	39		32	59		48	79		65	99		81
190	I	56	390	3	20	590	4	84	790	6	48	990	8	12
1900	I 5	58	3900	31	98	5900	48	38	7900	64	78	9900	81	18
20		16	40		33	60		49	80		66	100		82
200	I	64	400	3	28	600	4	92	800	6	56	1000	8	20
2000	I 6	40	4000	32	80	6000	49	20	8000	65	60	10,000	82	00

POUNDS.

2000 POUNDS ONE TON.

\$16.60

83 CENTS.

\$16.60

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		17	41		34	61		51	81		67
10		08	210	1	74	410	3	40	610	5	06	810	6	72
100		83	2100	17	43	4100	34	03	6100	50	63	8100	67	23
2		02	22		18	42		35	62		51	82		68
20		17	220	1	83	420	3	49	620	5	15	820	6	81
200	1	66	2200	18	26	4200	34	86	6200	51	46	8200	68	06
3		02	23		19	43		36	63		52	83		69
30		25	230	1	91	430	3	57	630	5	23	830	6	89
300	2	49	2300	19	09	4300	35	69	6300	52	29	8300	68	89
4		03	24		20	44		37	64		53	84		70
40		33	240	1	99	440	3	05	640	5	31	840	6	97
400	3	32	2400	19	92	4400	36	52	6400	53	12	8400	69	72
5		04	25		21	45		37	65		54	85		71
50		42	250	2	08	450	3	74	650	5	40	850	7	06
500	4	15	2500	20	75	4500	37	35	6500	53	95	8500	70	55
6		05	26		22	46		38	66		55	86		71
60		50	260	2	16	460	3	82	660	5	48	860	7	14
600	4	98	2600	21	58	4600	38	18	6600	54	78	8600	71	38
7		06	27		22	47		39	67		50	87		72
70		58	270	2	24	470	3	90	670	5	56	870	7	22
700	5	81	2700	22	41	4700	39	01	6700	55	61	8700	72	21
8		07	28		23	48		40	68		56	88		73
80		66	280	2	32	480	3	94	680	5	64	880	7	30
800	6	64	2800	23	24	4800	39	84	6800	56	44	8800	73	04
9		07	29		24	49		41	69		57	89		74
90		75	290	2	41	490	4	07	690	5	73	890	7	39
900	7	47	2900	24	07	4900	40	67	6900	57	27	8900	73	87
10		08	30		25	50		42	70		58	90		75
100		83	300	2	49	500	4	15	700	5	81	900	7	47
1000	8	30	3000	24	90	5000	41	50	7000	58	10	9000	74	70
11		09	31		26	51		42	71		59	91		76
110		91	310	2	57	510	4	23	710	5	89	910	7	55
1100	9	13	3100	25	73	5100	42	33	7100	58	93	9100	75	53
12		10	32		27	52		43	72		60	92		76
120		100	320	2	66	520	4	32	720	5	98	920	7	64
1200	9	96	3200	26	56	5200	43	16	7200	59	76	9200	76	36
13		11	33		27	53		44	73		61	93		77
130		108	330	2	74	530	4	40	730	6	06	930	7	72
1300	10	79	3300	27	39	5300	43	99	7300	60	59	9300	77	19
14		12	34		28	54		45	74		61	94		78
140		116	340	2	82	540	4	48	740	6	14	940	7	80
1400	11	62	3400	28	22	5400	44	82	7400	61	42	9400	78	02
15		12	35		29	55		46	75		62	95		79
150		125	350	2	91	550	4	57	750	6	23	950	7	89
1500	12	45	3500	29	05	5500	45	65	7500	62	25	9500	78	85
16		13	36		30	56		46	76		63	96		80
160		133	360	2	99	560	4	65	760	6	31	960	7	97
1600	13	28	3600	29	88	5600	46	48	7600	63	08	9600	79	68
17		14	37		31	57		47	77		64	97		81
170		141	370	3	07	570	4	73	770	6	39	970	8	05
1700	14	11	3700	30	71	5700	47	31	7700	63	91	9700	80	51
18		15	38		32	58		48	78		65	98		81
180		149	380	3	15	580	4	81	780	6	47	980	8	13
1800	14	94	3800	31	54	5800	48	14	7800	64	74	9800	81	34
19		16	39		32	59		49	79		66	99		82
190		158	390	3	24	590	4	90	790	6	56	990	8	22
1900	15	77	3900	32	37	5900	48	97	7900	65	57	9900	82	17
20		17	40		33	60		50	80		66	100		83
200		166	400	3	32	600	4	98	800	6	64	1000	8	30
2000	16	60	4000	33	20	6000	49	80	8000	66	40	10.000	83	00

POUNDS.

2000 POUNDS ONE TON.

\$16.80			84 CENTS.			\$16.80								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		18	41		34	61		51	81		68
10		08	210	I	76	410	3	44	610	5	12	810	6	80
100		84	2100	I 7	64	4100	34	44	6100	51	24	8100	68	04
2		02	22		18	42		35	62		52	82		69
20		17	220	I	85	420	3	53	620	5	21	820	6	89
200	I	68	2200	I 8	48	4200	35	28	6200	52	08	8200	68	88
3		03	23		19	43		36	63		53	83		70
30		25	230	I	93	430	3	61	630	5	29	830	6	97
300	2	52	2300	I 9	32	4300	36	12	6300	52	92	8300	69	72
4		03	24		20	44		37	64		54	84		71
40		34	240	2	02	440	3	70	640	5	38	840	7	06
400	3	36	2400	20	16	4400	36	96	6400	53	76	8400	70	56
5		04	25		21	45		38	65		55	85		71
50		42	250	2	10	450	3	78	650	5	46	850	7	14
500	4	20	2500	21	00	4500	37	80	6500	54	60	8500	71	40
6		05	26		22	46		39	66		55	86		72
60		50	260	2	18	460	3	86	660	5	54	860	7	22
600	5	04	2600	21	84	4600	38	64	6600	55	44	8600	72	24
7		06	27		23	47		39	67		56	87		73
70		59	270	2	27	470	3	95	670	5	63	870	7	31
700	5	88	2700	22	68	4700	39	48	6700	56	28	8700	73	08
8		07	28		24	48		40	68		57	88		74
80		67	280	2	35	480	4	03	680	5	71	880	7	39
800	6	72	2800	23	52	4800	40	32	6800	57	12	8800	73	92
9		08	29		24	49		41	69		58	89		75
90		76	290	2	44	490	4	12	690	5	80	890	7	48
900	7	56	2900	24	36	4900	41	16	6900	57	96	8900	74	76
10		08	30		25	50		42	70		59	90		76
100		84	300	2	52	500	4	20	700	5	88	900	7	56
1000	8	40	3000	25	20	5000	42	00	7000	58	80	9000	75	60
11		09	31		26	51		43	71		60	91		76
110		92	310	2	60	510	4	28	710	5	96	910	7	64
1100	9	24	3100	26	04	5100	42	84	7100	59	64	9100	76	44
12		10	32		27	52		44	72		60	92		77
120	I	01	320	2	69	520	4	37	720	6	05	920	7	73
1200	I 0	08	3200	26	88	5200	43	68	7200	60	48	9200	77	28
13		11	33		28	53		45	73		61	93		78
130	I	09	330	2	77	530	4	45	730	6	13	930	7	81
1300	I 0	92	3300	27	72	5300	44	52	7300	61	32	9300	78	12
14		12	34		29	54		45	74		62	94		79
140	I	18	340	2	86	540	4	54	740	6	22	940	7	90
1400	I 1	76	3400	28	56	5400	45	36	7400	62	16	9400	78	96
15		13	35		29	55		46	75		63	95		79
150	I	26	350	2	94	550	4	62	750	6	30	950	7	98
1500	I 2	60	3500	29	40	5500	46	20	7500	63	00	9500	79	80
16		13	36		30	56		47	76		64	96		81
160	I	34	360	3	02	560	4	70	760	6	38	960	8	06
1600	I 3	44	3600	30	24	5600	47	04	7600	63	84	9600	80	64
17		14	37		31	57		48	77		65	97		81
170	I	43	370	3	11	570	4	79	770	6	47	970	8	15
1700	I 4	28	3700	31	08	5700	47	88	7700	64	68	9700	81	48
18		15	38		32	58		49	78		66	98		82
180	I	51	380	3	19	580	4	87	780	6	55	980	8	23
1800	I 5	12	3800	31	92	5800	48	72	7800	65	52	9800	82	32
19		16	39		33	59		50	79		66	99		83
190	I	60	390	3	28	590	4	96	790	6	64	990	8	32
1900	I 5	96	3900	32	76	5900	49	56	7900	66	36	9900	83	15
20		17	40		34	60		50	80		67	100		84
200	I	68	400	3	36	600	5	04	800	6	72	1000	8	40
2000	I 6	80	4000	33	60	6000	50	40	8000	67	20	10,000	84	00

POUNDS.

2000 POUNDS ONE TON.

\$17.00			85 CENTS.			\$17.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		18	41		35
10		09	210		179	410		349
100		85	2100		1785	4100		3485
2		02	22		19	42		36
20		17	220		187	420		357
200		170	2200		1870	4200		3570
3		03	23		20	43		37
30		26	230		196	430		366
300		55	2300		1955	4300		3655
4		03	24		20	44		37
40		34	240		204	440		374
400		340	2400		2040	4400		3740
5		04	25		21	45		38
50		43	250		213	450		383
500		425	2500		2125	4500		3825
6		05	26		22	46		39
60		51	260		221	460		391
600		510	2600		2210	4600		3910
7		06	27		23	47		40
70		60	270		230	470		400
700		595	2700		2295	4700		3995
8		07	28		24	48		41
80		68	280		238	480		408
800		680	2800		2380	4800		4080
9		08	29		25	49		42
90		77	290		247	490		417
900		65	2900		2465	4900		4165
10		09	30		26	50		43
100		85	300		255	500		425
1000		850	3000		2550	5000		4250
11		09	31		26	51		43
110		94	310		264	510		434
1100		35	3100		2635	5100		4335
12		10	32		27	52		44
120		102	320		272	520		442
1200		1020	3200		2720	5200		4420
13		11	33		28	53		45
130		111	330		281	530		451
1300		105	3300		2805	5300		4505
14		12	34		29	54		46
140		119	340		289	540		459
1400		1190	3400		2890	5400		4590
15		13	35		30	55		47
150		128	350		298	550		468
1500		1275	3500		2975	5500		4675
16		14	36		31	56		48
160		136	360		306	560		476
1600		1360	3600		3060	5600		4760
17		14	37		31	57		48
170		145	370		315	570		485
1700		145	3700		3145	5700		4845
18		15	38		32	58		49
180		153	380		323	580		493
1800		1530	3800		3230	5800		4930
19		16	39		33	59		50
190		162	390		332	590		502
1900		1615	3900		3315	5900		5015
20		17	40		34	60		51
200		170	400		340	600		510
2000		1700	4000		3400	6000		5100
61		52	81		69	610		518
610		518	810		689	6100		5185
62		53	82		70	620		527
620		527	820		697	6200		5270
63		54	83		71	630		536
630		536	830		706	6300		5355
64		54	84		71	640		544
640		544	840		714	6400		5440
65		55	85		72	650		553
650		553	850		723	6500		5525
66		56	86		73	660		561
660		561	860		731	6600		5610
67		57	87		74	670		570
670		570	870		740	6700		5695
68		58	88		75	680		578
680		578	880		748	6800		5780
69		59	89		76	690		587
690		587	890		757	6900		5865
70		60	90		77	700		595
700		595	900		765	7000		5950
71		60	91		77	710		604
710		604	910		774	7100		6035
72		61	92		78	720		612
720		612	920		782	7200		6120
73		62	93		79	730		621
730		621	930		791	7300		6205
74		63	94		80	740		629
740		629	940		799	7400		6290
75		64	95		81	750		638
750		638	950		808	7500		6375
76		65	96		82	760		646
760		646	960		816	7600		6460
77		65	97		82	770		655
770		655	970		825	7700		6545
78		66	98		83	780		663
780		663	980		833	7800		6630
79		67	99		84	790		672
790		672	990		842	7900		6715
80		68	100		85	800		680
800		680	1000		850	8000		6800
10,000		8500						

POUNDS.

2000 POUNDS ONE TON.

\$17.20			86 CENTS.			\$17.20								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		18	41		35	61		52	81		70
10		09	210	1	81	410	3	53	610	5	25	810	6	97
100		86	2100	18	06	4100	35	26	6100	52	46	8100	69	66
2		02	22		19	42		36	62		53	82		71
20		17	220	1	89	420	3	61	620	5	33	820	7	05
200	1	72	2200	18	92	4200	36	12	6200	53	32	8200	70	52
3		03	23		20	43		37	63		54	83		71
30		26	230	1	98	430	3	70	630	5	42	830	7	14
300	2	58	2300	19	78	4300	36	98	6300	54	18	8300	71	38
4		03	24		21	44		38	64		55	84		72
40		34	240	2	06	440	3	78	640	5	50	840	7	22
400	3	44	2400	20	64	4400	37	84	6400	55	04	8400	72	24
5		04	25		22	45		39	65		56	85		73
50		43	250	2	15	450	3	87	650	5	59	850	7	31
500	4	30	2500	21	50	4500	38	70	6500	55	90	8500	73	10
6		05	26		22	46		40	66		57	86		74
60		52	260	2	24	460	3	96	660	5	68	860	7	40
600	5	16	2600	22	36	4600	39	56	6600	56	76	8600	73	96
7		06	27		23	47		40	67		58	87		75
70		60	270	2	32	470	4	04	670	5	76	870	7	48
700	6	02	2700	23	22	4700	40	42	6700	57	62	8700	74	82
8		07	28		24	48		41	68		58	88		76
80		69	280	2	41	480	4	13	680	5	85	880	7	57
800	6	88	2800	24	08	4800	41	28	6800	58	48	8800	75	68
9		08	29		25	49		42	69		59	89		77
90		77	290	2	49	490	4	21	690	5	93	890	7	65
900	7	74	2900	24	94	4900	42	14	6900	59	34	8900	76	54
10		09	30		26	50		43	70		60	90		77
100		86	300	2	58	500	4	30	700	6	02	900	7	74
1000	8	60	3000	25	80	5000	43	00	7000	60	20	9000	77	40
11		09	31		27	51		44	71		61	91		78
110		95	310	2	67	510	4	39	710	6	11	910	7	83
1100	9	46	3100	26	66	5100	43	86	7100	61	06	9100	78	26
12		10	32		28	52		45	72		62	92		79
120	1	03	320	2	75	520	4	47	720	6	19	920	7	91
1200	10	32	3200	27	52	5200	44	72	7200	61	92	9200	79	12
13		11	33		28	53		46	73		63	93		80
130	1	12	330	2	84	530	4	56	730	6	28	930	8	00
1300	11	18	3300	28	38	5300	45	58	7300	62	78	9300	79	98
14		12	34		29	54		46	74		64	94		81
140	1	20	340	2	92	540	4	64	740	6	36	940	8	08
1400	12	04	3400	29	24	5400	46	44	7400	63	64	9400	80	84
15		13	35		30	55		47	75		65	95		82
150	1	29	350	3	01	550	4	73	750	6	45	950	8	17
1500	12	90	3500	30	10	5500	47	30	7500	64	50	9500	81	70
16		14	36		31	56		48	76		65	96		83
160	1	38	360	3	10	560	4	82	760	6	54	960	8	26
1600	13	76	3600	30	96	5600	48	16	7600	65	36	9600	82	56
17		15	37		32	57		49	77		66	97		83
170	1	46	370	3	18	570	4	90	770	6	62	970	8	34
1700	14	62	3700	31	82	5700	49	02	7700	66	22	9700	83	42
18		15	38		33	58		50	78		67	98		84
180	1	55	380	3	27	580	4	99	780	6	71	980	8	43
1800	15	48	3800	32	68	5800	49	88	7800	67	08	9800	84	28
19		16	39		34	59		51	79		68	99		85
190	1	63	390	3	35	590	5	07	790	6	79	990	8	51
1900	16	34	3900	33	54	5900	50	74	7900	67	94	9900	85	14
20		17	40		34	60		52	80		69	100		86
200	1	72	400	3	44	600	5	16	800	6	88	1000	8	60
2000	17	20	4000	34	40	6000	51	60	8000	68	80	10,000	86	00

POUNDS.

2000 POUNDS ONE TON.

\$17.40			87 CENTS.									\$17.40		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		18	41		36	61		53	81		70
10		09	210	1	83	410	3	57	610	5	31	810	7	05
100		87	2100	18	27	4100	35	67	6100	53	07	8100	70	47
2		02	22		19	42		37	62		54	82		71
20		17	220	1	91	420	3	65	620	5	39	820	7	13
200	1	74	2200	19	14	4200	36	54	6200	53	94	8200	71	34
3		03	23		20	43		37	63		55	83		72
30		26	230	2	00	430	3	74	630	5	48	830	7	22
300	2	61	2300	20	01	4300	37	41	6300	54	81	8300	72	21
4		03	24		21	44		38	64		56	84		73
40		35	240	2	09	440	3	83	640	5	57	840	7	31
400	3	48	2400	20	88	4400	38	28	6400	55	68	8400	73	08
5		04	25		22	45		39	65		57	85		74
50		44	250	2	18	450	3	92	650	5	66	850	7	40
500	4	35	2500	21	75	4500	39	15	6500	56	55	8500	73	95
6		05	26		22	46		40	66		57	86		75
60		52	260	2	26	460	4	00	660	5	74	860	7	48
600	5	22	2600	22	62	4600	40	02	6600	57	42	8600	74	82
7		06	27		23	47		41	67		58	87		76
70		61	270	2	35	470	4	09	670	5	83	870	7	57
700	6	09	2700	23	49	4700	40	89	6700	58	29	8700	75	69
8		07	28		24	48		42	68		59	88		77
80		70	280	2	44	480	4	18	680	5	92	880	7	66
800	6	96	2800	24	36	4800	41	76	6800	59	16	8800	76	56
9		08	29		25	49		43	69		60	89		77
90		78	290	2	52	490	4	26	690	6	00	890	7	74
900	7	83	2900	25	23	4900	42	63	6900	60	03	8900	77	43
10		09	30		26	50		44	70		61	90		78
100		87	300	2	61	500	4	35	700	6	09	900	7	83
1000	8	70	3000	26	10	5000	43	50	7000	60	90	9000	78	30
11		10	31		27	51		44	71		62	91		79
110		96	310	2	70	510	4	44	710	6	18	910	7	92
1100	9	57	3100	26	97	5100	44	37	7100	61	77	9100	79	17
12		10	32		28	52		45	72		63	92		80
120	1	04	320	2	78	520	4	52	720	6	26	920	8	00
1200	10	44	3200	27	84	5200	45	24	7200	62	64	9200	80	04
13		11	33		29	53		46	73		64	93		81
130	1	13	330	2	87	530	4	61	730	6	35	930	8	09
1300	11	31	3300	28	71	5300	46	11	7300	63	51	9300	80	91
14		12	34		30	54		47	74		64	94		82
140	1	22	340	2	96	540	4	70	740	6	44	940	8	18
1400	12	18	3400	29	58	5400	46	98	7400	64	38	9400	81	78
15		13	35		30	55		48	75		65	95		83
150	1	31	350	3	05	550	4	79	750	6	53	950	8	27
1500	13	05	3500	30	45	5500	47	85	7500	65	25	9500	82	65
16		14	36		31	56		49	76		66	96		84
160	1	39	360	3	13	560	4	87	760	6	61	960	8	35
1600	13	92	3600	31	32	5600	48	72	7600	66	12	9600	83	52
17		15	37		32	57		50	77		67	97		84
170	1	48	370	3	22	570	4	96	770	6	70	970	8	44
1700	14	79	3700	32	19	5700	49	59	7700	66	99	9700	84	39
18		16	38		33	58		50	78		68	98		85
180	1	57	380	3	31	580	5	05	780	6	79	980	8	53
1800	15	66	3800	33	06	5800	50	46	7800	67	80	9800	85	26
19		17	39		34	59		51	79		69	99		86
190	1	65	390	3	39	590	5	13	790	6	87	990	8	61
1900	16	53	3900	33	93	5900	51	33	7900	68	73	9900	86	13
20		17	40		35	60		52	80		70	100		87
200	1	74	400	3	48	600	5	22	800	6	96	1000	8	70
2000	17	40	4000	34	80	6000	52	20	8000	69	60	10,000	87	00

POUNDS.

2000 POUNDS ONE TON.

\$17.60			88 CENTS.			\$17.60								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		18	41		36	61		54	81		71
10		09	210	1	85	410	3	61	610	5	37	810	7	13
100		88	2100	18	48	4100	36	08	6100	53	68	8100	71	28
2		02	22		19	42		37	62		55	82		72
20		18	220	1	94	420	3	70	620	5	46	820	7	22
200	1	76	2200	19	36	4200	36	96	6200	54	56	8200	72	16
3		03	23		20	43		38	63		55	83		73
30		26	230	2	02	430	3	78	630	5	54	830	7	30
300	2	64	2300	20	24	4300	37	84	6300	55	44	8300	73	04
4		04	24		21	44		39	64		56	84		74
40		35	240	2	11	440	3	87	640	5	63	840	7	39
400	3	52	2400	21	12	4400	38	72	6400	56	32	8400	73	92
5		04	25		22	45		40	65		57	85		75
50		44	250	2	20	450	3	96	650	5	72	850	7	48
500	4	40	2500	22	00	4500	39	60	6500	57	20	8500	74	80
6		05	26		23	46		40	66		58	86		76
60		53	260	2	29	460	4	05	660	5	81	860	7	57
600	5	28	2600	22	88	4600	40	48	6600	58	08	8600	75	68
7		06	27		24	47		41	67		59	87		77
70		62	270	2	38	470	4	14	670	5	90	870	7	66
700	6	16	2700	23	76	4700	41	36	6700	58	96	8700	76	56
8		07	28		25	48		42	68		60	88		77
80		70	280	2	46	480	4	22	680	5	98	880	7	74
800	7	04	2800	24	64	4800	42	24	6800	59	84	8800	77	44
9		08	29		26	49		43	69		61	89		78
90		79	290	2	55	490	4	31	690	6	07	890	7	83
900	7	92	2900	25	52	4900	43	12	6900	60	72	8900	78	32
10		09	30		26	50		44	70		62	90		79
100		88	300	2	64	500	4	40	700	6	16	900	7	92
1000	8	80	3000	26	40	5000	44	00	7000	61	60	9000	79	20
11		10	31		27	51		45	71		62	91		80
110		97	310	2	73	510	4	49	710	6	25	910	8	01
1100	9	68	3100	27	28	5100	44	88	7100	62	48	9100	80	08
12		11	32		28	52		46	72		63	92		81
120	1	06	320	2	82	520	4	58	720	6	34	920	8	10
1200	10	56	3200	28	16	5200	45	76	7200	63	36	9200	80	96
13		11	33		29	53		47	73		64	93		82
130	1	14	330	2	90	530	4	66	730	6	42	930	8	18
1300	11	44	3300	29	04	5300	46	64	7300	64	24	9300	81	84
14		12	34		30	54		48	74		65	94		83
140	1	23	340	2	99	540	4	75	740	6	51	940	8	27
1400	12	32	3400	29	92	5400	47	52	7400	65	12	9400	82	72
15		13	35		31	55		48	75		66	95		84
150	1	32	350	3	08	550	4	84	750	6	50	950	8	36
1500	13	20	3500	30	80	5500	48	40	7500	66	00	9500	83	60
16		14	36		32	56		49	76		67	96		84
160	1	41	360	3	17	560	4	93	760	6	69	960	8	45
1600	14	08	3600	31	68	5600	49	28	7600	66	88	9600	84	48
17		15	37		33	57		50	77		68	97		85
170	1	50	370	3	26	570	5	02	770	6	76	970	8	54
1700	14	96	3700	32	56	5700	50	16	7700	67	76	9700	85	36
18		16	38		33	58		51	78		69	98		86
180	1	58	380	3	34	580	5	10	780	6	86	980	8	62
1800	15	84	3800	33	44	5800	51	04	7800	68	64	9800	86	24
19		17	39		34	59		52	79		70	99		87
190	1	67	390	3	43	590	5	19	790	6	95	990	8	71
1900	16	72	3900	34	32	5900	51	92	7900	69	52	9900	87	12
20		18	40		35	60		53	80		70	100		88
200	1	76	400	3	52	600	5	28	800	7	04	1000	8	80
2000	17	60	4000	35	20	6000	52	80	8000	70	40	10,000	88	00

POUNDS.

2000 POUNDS ONE TON.

\$17.80			89 CENTS.			\$17.80								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		19	41		36	61		54	81		72
10		09	210	1	87	410	3	65	610	5	43	810	7	21
100		89	2100	18	69	4100	36	49	6100	54	29	8100	72	09
2		02	22		20	42		37	62		55	82		73
20		18	220	1	96	420	3	74	620	5	52	820	7	30
200	1	78	2200	19	58	4200	37	38	6200	55	18	8200	72	98
3		03	23		20	43		38	63		56	83		74
30		27	230	2	05	430	3	83	630	5	61	830	7	39
300	2	67	2300	20	47	4300	38	27	6300	56	07	8300	73	87
4		04	24		21	44		39	64		57	84		75
40		36	240	2	14	440	3	92	640	5	70	840	7	48
400	3	56	2400	21	36	4400	39	16	6400	56	96	8400	74	76
5		04	25		22	45		40	65		58	85		76
50		45	250	2	23	450	4	01	650	5	79	850	7	57
500	4	45	2500	22	25	4500	40	05	6500	57	85	8500	75	65
6		05	26		23	46		41	66		59	86		77
60		53	260	2	31	460	4	09	660	5	87	860	7	65
600	5	34	2600	23	14	4600	40	94	6600	58	74	8600	76	54
7		06	27		24	47		42	67		60	87		77
70		62	270	2	40	470	4	18	670	5	96	870	7	74
700	6	23	2700	24	03	4700	41	83	6700	59	63	8700	77	43
8		07	28		25	48		43	68		61	88		78
80		71	280	2	49	480	4	27	680	6	05	880	7	83
800	7	12	2800	24	92	4800	42	72	6800	60	52	8800	78	32
9		08	29		26	49		44	69		61	89		79
90		80	290	2	58	490	4	36	690	6	14	890	7	92
900	8	01	2900	25	81	4900	43	61	6900	61	41	8900	79	21
10		09	30		27	50		45	70		62	90		80
100		89	300	2	67	500	4	45	700	6	23	900	8	01
1000	8	90	3000	26	70	5000	44	50	7000	62	30	9000	80	10
11		10	31		28	51		45	71		63	91		81
110		98	310	2	76	510	4	54	710	6	32	910	8	10
1100	9	79	3100	27	59	5100	45	39	7100	63	19	9100	80	99
12		11	32		28	52		46	72		64	92		82
120	1	07	320	2	85	520	4	63	720	6	41	920	8	19
1200	10	68	3200	28	48	5200	46	28	7200	64	08	9200	81	88
13		12	33		29	53		47	73		65	93		83
130	1	16	330	2	94	530	4	72	730	6	50	930	8	28
1300	11	57	3300	29	37	5300	47	17	7300	64	97	9300	82	77
14		12	34		30	54		48	74		66	94		84
140	1	25	340	3	03	540	4	81	740	6	59	940	8	37
1400	12	46	3400	30	26	5400	48	06	7400	65	86	9400	83	66
15		13	35		31	55		49	75		67	95		85
150	1	34	350	3	12	550	4	90	750	6	68	950	8	46
1500	13	35	3500	31	15	5500	48	95	7500	66	75	9500	84	55
16		14	36		32	56		50	76		68	96		85
160	1	42	360	3	20	560	4	98	760	6	76	960	8	54
1600	14	24	3600	32	04	5600	49	84	7600	67	64	9600	85	44
17		15	37		33	57		51	77		69	97		86
170	1	51	370	3	29	570	5	07	770	6	85	970	8	63
1700	15	13	3700	32	93	5700	50	73	7700	68	53	9700	86	33
18		16	38		34	58		52	78		69	98		87
180	1	60	380	3	38	580	5	16	780	6	94	980	8	72
1800	16	02	3800	33	82	5800	51	62	7800	69	42	9800	87	22
19		17	39		35	59		53	79		70	99		88
190	1	69	390	3	47	590	5	25	790	7	03	990	8	81
1900	16	91	3900	34	71	5900	52	51	7900	70	31	9900	88	11
20		18	40		36	60		53	80		71	100		89
200	1	78	400	3	56	600	5	34	800	7	12	1000	8	90
2000	17	80	4000	35	60	6000	53	40	8000	71	20	10,000	89	00

2000 POUNDS ONE TON.

\$18.00			90 CENTS.			\$18.00								
Lbs.	¢	Cts.	Lbs.	¢	Cts.	Lbs.	¢	Cts.	Lbs.	¢	Cts.	Lbs.	¢	Cts.
1		01	21		19	41		37	61		55	81		73
10		09	210	1	89	410		69	610	5	49	810	7	29
100		90	2100	18	90	4100	36	90	6100	54	90	8100	72	90
2		02	22		20	42		38	62		56	82		74
20		18	220	1	98	420		78	620	5	58	820	7	38
200	1	80	2200	19	80	4200	37	80	6200	55	80	8200	73	80
3		03	23		21	43		39	63		57	83		75
30		27	230	2	07	430		87	630	5	67	830	7	47
300	2	70	2300	20	70	4300	38	70	6300	56	70	8300	74	70
4		04	24		22	44		40	64		58	84		76
40		36	240	2	16	440		96	640	5	76	840	7	56
400	3	60	2400	21	60	4400	39	60	6400	57	60	8400	75	60
5		05	25		23	45		41	65		59	85		77
50		50	250	2	25	450		05	650	5	85	850	7	65
500	4	50	2500	22	50	4500	40	50	6500	58	50	8500	76	50
6		05	26		23	46		41	66		59	86		77
60		54	260	2	34	460		14	660	5	94	860	7	74
600	5	40	2600	23	40	4600	41	40	6600	59	40	8600	77	40
7		06	27		24	47		42	67		60	87		78
70		63	270	2	43	470		23	670	6	03	870	7	83
700	6	30	2700	24	30	4700	42	30	6700	60	30	8700	78	30
8		07	28		25	48		43	68		61	88		79
80		72	280	2	52	480		32	680	6	12	880	7	92
800	7	20	2800	25	20	4800	43	20	6800	61	20	8800	79	20
9		08	29		26	49		44	69		62	89		80
90		81	290	2	61	490		41	690	6	21	890	8	01
900	8	10	2900	26	10	4900	44	10	6900	62	10	8900	80	10
10		09	30		27	50		45	70		63	90		81
100		90	300	2	70	500		50	700	6	30	900	8	10
1000	9	00	3000	27	00	5000	45	00	7000	63	00	9000	81	00
11		10	31		28	51		46	71		64	91		82
110		99	310	2	79	510		59	710	6	39	910	8	19
1100	9	90	3100	27	90	5100	45	90	7100	63	90	9100	81	90
12		11	32		29	52		47	72		65	92		83
120	1	08	320	2	88	520		68	720	6	48	920	8	28
1200	10	80	3200	28	80	5200	46	80	7200	64	80	9200	82	80
13		12	33		30	53		48	73		66	93		84
130	1	17	330	2	97	530		77	730	6	57	930	8	37
1300	11	70	3300	29	70	5300	47	70	7300	65	70	9300	83	70
14		13	34		31	54		49	74		67	94		85
140	1	26	340	3	06	540		86	740	6	66	940	8	96
1400	12	60	3400	30	60	5400	48	60	7400	66	60	9400	84	60
15		14	35		32	55		50	75		68	95		86
150	1	35	350	3	15	550		95	750	6	75	950	8	55
1500	13	50	3500	31	50	5500	49	50	7500	67	50	9500	85	50
16		14	36		32	56		50	76		68	96		86
160	1	44	360	3	24	560		04	760	6	84	960	8	64
1600	14	40	3600	32	40	5600	50	40	7600	68	40	9600	86	40
17		15	37		33	57		51	77		69	97		87
170	1	53	370	3	33	570		13	770	6	93	970	8	73
1700	15	30	3700	33	30	5700	51	30	7700	69	30	9700	87	30
18		16	38		34	58		52	78		70	98		88
180	1	62	380	3	42	580		22	780	7	02	980	8	82
1800	16	20	3800	34	20	5800	52	20	7800	70	20	9800	88	20
19		17	39		35	59		53	79		71	99		89
190	1	71	390	3	51	590		31	790	7	11	990	8	91
1900	17	10	3900	35	10	5900	53	10	7900	71	10	9900	89	10
20		18	40		36	60		54	80		72	100		90
200	1	80	400	3	60	600		54	800	7	20	1000	9	00
2000	18	00	4000	36	00	6000	54	00	8000	72	00	10,000	90	00

POUNDS.

2000 POUNDS ONE TON.

\$18.20			91 CENTS									\$18.20		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		19	41		37	61		56	81		74
10		09	210	I	91	410	3	73	610	5	55	810	7	37
100		91	2100	I 9	11	4100	37	31	6100	55	51	8100	73	71
2		02	22		20	42		38	62		56	82		75
20		18	220	2	00	420	3	82	620	5	64	820	7	46
200	I	82	2200	2 0	02	4200	38	22	6200	56	42	8200	74	62
3		03	23		21	43		39	63		57	83		76
30		27	230	2	09	430	3	91	630	5	73	830	7	55
300	2	73	2300	2 0	93	4300	39	13	6300	57	33	8300	75	53
4		04	24		22	44		40	64		58	84		76
40		36	240	2	18	440	4	00	640	5	82	840	7	64
400	3	64	2400	2 I	84	4400	40	04	6400	58	24	8400	76	44
5		05	25		23	45		41	65		59	85		77
50		46	250	2	28	450	4	10	650	5	92	850	7	74
500	4	55	2500	2 2	75	4500	40	95	6500	59	15	8500	77	35
6		06	26		24	46		42	66		60	86		78
60		55	260	2	37	460	4	19	660	6	01	860	7	83
600	5	46	2600	2 3	66	4600	41	86	6600	60	06	8600	78	26
7		07	27		25	47		43	67		61	87		79
70		64	270	2	46	470	4	28	670	6	10	870	7	92
700	6	37	2700	2 4	57	4700	42	77	6700	60	97	8700	79	17
8		08	28		25	48		44	68		62	88		80
80		73	280	2	55	480	4	37	680	6	19	880	8	01
800	7	28	2800	2 5	48	4800	43	68	6800	61	88	8800	80	08
9		09	29		26	49		45	69		63	89		81
90		82	290	2	64	490	4	46	690	6	28	890	8	10
900	8	19	2900	2 6	39	4900	44	59	6900	62	79	8900	80	99
10		10	30		27	50		46	70		64	90		82
100		91	300	2	73	500	4	55	700	6	37	900	8	19
1000	9	10	3000	2 7	30	5000	45	50	7000	63	70	9000	81	90
11		11	31		28	51		46	71		65	91		83
110	I	00	310	2	82	510	4	64	710	6	46	910	8	28
1100	I 0	01	3100	2 8	21	5100	46	41	7100	64	61	9100	82	81
12		12	32		29	52		47	72		66	92		84
120	I	09	320	2	91	520	4	73	720	6	55	920	8	37
1200	I 0	92	3200	2 9	12	5200	47	32	7200	65	52	9200	83	72
13		13	33		30	53		48	73		66	93		85
130	I	18	330	3	00	530	4	82	730	6	64	930	8	46
1300	I I	83	3300	3 0	03	5300	48	23	7300	66	43	9300	84	63
14		14	34		31	54		49	74		67	94		86
140	I	27	340	3	09	540	4	91	740	6	73	940	8	55
1400	I 2	74	3400	3 0	94	5400	49	14	7400	67	34	9400	85	54
15		15	35		32	55		50	75		68	95		86
150	I	37	350	3	19	550	5	01	750	6	83	950	8	65
1500	I 3	65	3500	3 I	85	5500	50	05	7500	68	25	9500	86	45
16		16	36		33	56		51	76		69	96		87
160	I	46	360	3	28	560	5	10	760	6	92	960	8	74
1600	I 4	56	3600	3 3	76	5600	50	96	7600	69	16	9600	87	36
17		17	37		34	57		52	77		70	97		88
170	I	55	370	3	37	570	5	19	770	7	01	970	8	83
1700	I 5	47	3700	3 3	67	5700	51	87	7700	70	07	9700	88	27
18		18	38		35	58		53	78		71	98		89
180	I	64	380	3	46	580	5	28	780	7	10	980	8	92
1800	I 6	38	3800	3 4	58	5800	52	78	7800	70	98	9800	89	18
19		19	39		35	59		54	79		72	99		90
190	I	73	390	3	55	590	5	37	790	7	19	990	9	01
1900	I 7	29	3900	3 5	49	5900	53	69	7900	71	89	9900	90	09
20		20	40		36	60		55	80		73	100		91
200	I	82	400	3	64	600	5	46	800	7	28	1000	9	10
2000	I 8	20	4000	3 6	40	6000	54	60	8000	72	80	10000	91	00

POUNDS.

2000 POUNDS ONE TON.

\$18.40

92 CENTS.

\$18.40

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		19	41		38	61		56	81		75
10		09	210	I	93	410	3	77	610	5	61	810	7	45
100		92	2100	I 9	32	4100	37	72	6100	56	12	8100	74	52
2		02	22		20	42		39	62		57	82		75
20		18	220	2	02	420	3	86	620	5	70	820	7	54
200	I	84	2200	20	24	4200	38	64	6200	57	04	8200	75	44
3		03	23		21	43		40	63		58	83		76
30		28	230	2	12	430	3	96	630	5	80	830	7	64
300	2	76	2300	21	16	4300	39	56	6300	57	96	8300	76	36
4		04	24		22	44		40	64		59	84		77
40		37	240	2	21	440	4	05	640	5	89	840	7	73
400	3	68	2400	22	08	4400	40	48	6400	58	88	8400	77	28
5		05	25		23	45		41	65		60	85		78
50		46	250	2	30	450	4	14	650	5	98	850	7	82
500	4	60	2500	23	00	4500	41	40	6500	59	80	8500	78	20
6		06	26		24	46		42	66		61	86		79
60		55	260	2	39	460	4	23	660	6	07	860	7	91
600	5	52	2600	23	92	4600	42	32	6600	60	72	8600	79	12
7		06	27		25	47		43	67		62	87		80
70		64	270	2	48	470	4	32	670	6	16	870	8	00
700	6	44	2700	24	84	4700	43	24	6700	61	64	8700	80	04
8		07	28		26	48		44	68		63	88		81
80		74	280	2	58	480	4	42	680	6	26	880	8	10
800	7	36	2800	25	76	4800	44	16	6800	62	56	8800	80	96
9		08	29		27	49		45	69		63	89		82
90		83	290	2	67	490	4	51	690	6	35	890	8	19
900	8	28	2900	26	68	4900	45	08	6900	63	48	8900	81	88
10		09	30		28	50		46	70		64	90		83
100		92	300	2	76	500	4	60	700	6	44	900	8	28
1000	9	20	3000	27	60	5000	46	00	7000	64	40	9000	82	80
11		10	31		29	51		47	71		65	91		84
110	I	01	310	2	85	510	4	69	710	6	53	910	8	37
1100	I 0	12	3100	28	52	5100	46	92	7100	65	32	9100	83	72
12		11	32		29	52		48	72		66	92		85
120	I	10	320	2	94	520	4	78	720	6	62	920	8	46
1200	I I	04	3200	29	44	5200	47	84	7200	66	24	9200	84	64
13		12	33		30	53		49	73		67	93		86
130	I	20	330	3	04	530	4	88	730	6	72	930	8	56
1300	I I	96	3300	30	36	5300	48	76	7300	67	16	9300	85	56
14		13	34		31	54		50	74		68	94		86
140	I	29	340	3	13	540	4	97	740	6	81	940	8	65
1400	I 2	88	3400	31	28	5400	49	68	7400	68	08	9400	86	48
15		14	35		32	55		51	75		69	95		87
150	I	38	350	3	22	550	5	06	750	6	90	950	8	74
1500	I 3	80	3500	32	20	5500	50	60	7500	69	00	9500	87	40
16		15	36		33	56		52	76		70	96		88
160	I	47	360	3	31	560	5	15	760	6	99	960	8	83
1600	I 4	72	3600	33	12	5600	51	52	7600	69	92	9600	88	32
17		16	37		34	57		52	77		71	97		89
170	I	56	370	3	40	570	5	24	770	7	08	970	8	92
1700	I 5	64	3700	34	04	5700	52	44	7700	70	84	9700	89	24
18		17	38		35	58		53	78		72	98		90
180	I	66	380	3	50	580	5	34	780	7	18	980	9	02
1800	I 6	56	3800	34	96	5800	53	36	7800	71	76	9800	90	16
19		17	39		36	59		54	79		73	99		91
190	I	75	390	3	59	590	5	43	790	7	27	990	9	11
1900	I 7	48	3900	35	88	5900	55	28	7900	72	68	9900	91	08
20		18	40		37	60		55	80		74	100		92
200	I	84	400	3	68	600	5	52	800	7	36	1000	9	20
2000	I 8	40	4000	36	80	6000	55	20	8000	73	60	10,000	92	00

POUNDS.

2000 POUNDS ONE TON.

\$18.60			93 CENTS.			\$18.60								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		20	41		38	61		57	81		75
10		09	210	1	95	410	3	81	610	5	67	810	7	53
100		93	2100	19	53	4100	38	13	6100	56	73	8100	75	33
2		02	22		20	42		39	62		58	82		76
20		19	220	2	05	420	3	91	620	5	77	820	7	63
200	1	86	2200	20	46	4200	39	06	6200	57	66	8200	76	26
3		03	23		21	43		40	63		59	83		77
30		28	230	2	14	430	4	00	630	5	86	830	7	72
300	2	79	2300	21	39	4300	39	99	6300	58	59	8300	77	19
4		04	24		22	44		41	64		60	84		78
40		37	240	2	23	440	4	09	640	5	95	840	7	81
400	3	72	2400	22	32	4400	40	92	6400	59	52	8400	78	12
5		05	25		23	45		42	65		60	85		79
50		47	250	2	33	450	4	19	650	6	05	850	7	91
500	4	65	2500	23	25	4500	41	85	6500	60	45	8500	79	05
6		06	26		24	46		43	66		61	86		80
60		56	260	2	42	460	4	28	660	6	14	860	8	00
600	5	58	2600	24	18	4600	42	78	6600	61	38	8600	79	98
7		07	27		25	47		44	67		62	87		81
70		65	270	2	51	470	4	37	670	6	23	870	8	09
700	6	51	2700	25	11	4700	43	71	6700	62	31	8700	80	91
8		07	28		26	48		45	68		63	88		82
80		74	280	2	60	480	4	46	680	6	32	880	8	18
800	7	44	2800	26	04	4800	44	64	6800	63	24	8800	81	84
9		08	29		27	49		46	69		64	89		83
90		84	290	2	70	490	4	56	690	6	42	890	8	28
900	8	37	2900	26	97	4900	45	57	6900	64	17	8900	82	77
10		09	30		28	50		47	70		65	90		84
100		93	300	2	79	500	4	65	700	6	51	900	8	37
1000	9	30	3000	27	90	5000	46	50	7000	65	10	9000	83	70
11		10	31		29	51		47	71		66	91		85
110	1	02	310	2	88	510	4	74	710	6	60	910	8	46
1100	10	23	3100	28	83	5100	47	43	7100	66	03	9100	84	03
12		11	32		30	52		48	72		67	92		86
120	1	12	320	2	98	520	4	84	720	6	70	920	8	56
1200	11	16	3200	29	76	5200	48	36	7200	66	96	9200	85	56
13		12	33		31	53		49	73		68	93		86
130	1	21	330	3	07	530	4	93	730	6	79	930	8	65
1300	12	09	3300	30	69	5300	49	29	7300	67	89	9300	86	49
14		13	34		32	54		50	74		69	94		87
140	1	30	340	3	16	540	5	02	740	6	88	940	8	74
1400	13	02	3400	31	62	5400	50	22	7400	68	82	9400	87	42
15		14	35		33	55		51	75		70	95		88
150	1	40	350	3	26	550	5	12	750	6	98	950	8	84
1500	13	95	3500	32	55	5500	51	15	7500	69	75	9500	88	35
16		15	36		33	56		52	76		71	96		89
160	1	49	360	3	35	560	5	21	760	7	07	960	8	93
1600	14	88	3600	33	48	5600	52	08	7600	70	68	9600	89	28
17		16	37		34	57		53	77		72	97		90
170	1	58	370	3	44	570	5	30	770	7	16	970	9	02
1700	15	81	3700	34	41	5700	53	01	7700	71	61	9700	90	21
18		17	38		35	58		54	78		73	98		91
180	1	67	380	3	53	580	5	39	780	7	25	980	9	11
1800	16	74	3800	35	34	5800	53	94	7800	72	54	9800	91	14
19		18	39		36	59		55	79		73	99		92
190	1	77	390	3	63	590	5	49	790	7	35	990	9	21
1900	17	67	3900	36	27	5900	54	87	7900	73	47	9900	92	07
20		19	40		37	60		56	80		74	100		93
200	1	86	400	3	72	600	5	58	800	7	44	1000	9	30
2000	18	60	4000	37	20	6000	55	80	8000	74	40	10,000	93	00

POUNDS.

2000 POUNDS ONE TON.

\$18.80

94 CENTS.

\$18.80

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		20	41		39	61		57	81		76
10		09	210	1	97	410	3	85	610	5	73	810	7	61
100		94	2100	19	74	4100	38	54	6100	57	34	8100	76	14
2		02	22		21	42		39	62		58	82		77
20		19	220	2	07	420	3	95	620	5	83	820	7	71
200	1	88	2200	20	68	4200	39	48	6200	58	28	8200	77	08
3		03	23		22	43		40	63		59	83		78
30		28	230	2	16	430	4	04	630	5	92	830	7	80
300	2	82	2300	21	62	4300	40	42	6300	59	22	8300	78	02
4		04	24		23	44		41	64		60	84		79
40		38	240	2	26	440	4	14	640	6	02	840	7	90
400	3	76	2400	22	56	4400	41	36	6400	60	16	8400	78	96
5		05	25		24	45		42	65		61	85		80
50		47	250	2	35	450	4	23	650	6	11	850	7	99
500	4	70	2500	23	50	4500	42	30	6500	61	10	8500	79	90
6		06	26		24	46		43	66		62	86		81
60		56	260	2	44	460	4	32	660	6	20	860	8	08
600	5	64	2600	24	44	4600	43	24	6600	62	04	8600	80	84
7		07	27		25	47		44	67		63	87		82
70		66	270	2	54	470	4	42	670	6	30	870	8	18
700	6	58	2700	25	38	4700	44	18	6700	62	98	8700	81	78
8		08	28		26	48		45	68		64	88		83
80		75	280	2	63	480	4	51	680	6	39	880	8	27
800	7	52	2800	26	32	4800	45	12	6800	63	92	8800	82	72
9		08	29		27	49		46	69		65	89		84
90		85	290	2	73	490	4	61	690	6	49	890	8	37
900	8	46	2900	27	26	4900	46	06	6900	64	86	8900	83	66
10		09	30		28	50		47	70		66	90		85
100		94	300	2	82	500	4	70	700	6	58	900	8	46
1000	9	40	3000	28	20	5000	47	00	7000	65	80	9000	84	60
11		10	31		29	51		48	71		67	91		85
110	1	03	310	2	91	510	4	79	710	6	67	910	8	55
1100	10	34	3100	29	14	5100	47	94	7100	66	74	9100	85	54
12		11	32		30	52		49	72		68	92		86
120	1	13	320	3	01	520	4	89	720	6	77	920	8	65
1200	11	28	3200	30	08	5200	48	88	7200	67	68	9200	86	48
13		12	33		31	53		50	73		69	93		87
130	1	22	330	3	10	530	4	98	730	6	86	930	8	74
1300	12	22	3300	31	02	5300	49	82	7300	68	62	9300	87	42
14		13	34		32	54		51	74		70	94		88
140	1	32	340	3	20	540	5	08	740	6	96	940	8	84
1400	13	16	3400	31	96	5400	50	76	7400	69	56	9400	88	36
15		14	35		33	55		52	75		71	95		89
150	1	41	350	3	29	550	5	17	750	7	05	950	8	93
1500	14	10	3500	32	90	5500	51	70	7500	70	50	9500	89	30
16		15	36		34	56		53	76		71	96		90
160	1	50	360	3	39	560	5	26	760	7	14	960	9	02
1600	15	04	3600	33	84	5600	52	64	7600	71	44	9600	90	24
17		16	37		35	57		54	77		72	97		91
170	1	60	370	3	48	570	5	36	770	7	24	970	9	12
1700	15	98	3700	34	78	5700	53	58	7700	72	38	9700	91	18
18		17	38		36	58		55	78		73	98		92
180	1	69	380	3	57	580	5	45	780	7	33	980	9	21
1800	16	92	3800	35	72	5800	54	52	7800	73	32	9800	92	12
19		18	39		37	59		55	79		74	99		93
190	1	79	390	3	67	590	5	55	790	7	43	990	9	31
1900	17	86	3900	36	66	5900	55	46	7900	74	26	9900	93	06
20		19	40		38	60		56	80		75	100		94
200	1	88	400	3	76	600	5	64	800	7	52	1000	9	40
2000	18	80	4000	37	60	6000	56	40	8000	75	20	10000	94	00

POUNDS.

2000 POUNDS ONE TON.

\$19.00			95 CENTS.			\$19.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		20	41		39	61		58	81		77
10		10	210	2	00	410	3	90	610	5	79	810	7	70
100		95	2100	19	95	4100	38	95	6100	57	95	8100	76	95
2		02	22		21	42		40	62		59	82		78
20		19	220	2	09	420	3	99	620	5	89	820	7	79
200	1	90	2200	20	90	4200	39	90	6200	58	90	8200	77	90
3		03	23		22	43		41	63		60	83		79
30		29	230	2	19	430	4	09	630	5	99	830	7	89
300	2	85	2300	21	85	4300	40	85	6300	59	85	8300	78	85
4		04	24		23	44		42	64		61	84		80
40		38	240	2	28	440	4	18	640	6	08	840	7	98
400	3	80	2400	22	80	4400	41	80	6400	60	80	8400	79	80
5		05	25		24	45		43	65		62	85		81
50		48	250	2	38	450	4	28	650	6	18	850	8	08
500	4	75	2500	23	75	4500	42	75	6500	61	75	8500	80	75
6		06	26		25	46		44	66		63	86		82
60		57	260	2	47	460	4	37	660	6	27	860	8	17
600	5	70	2600	24	70	4600	43	70	6600	62	70	8600	81	70
7		07	27		26	47		45	67		64	87		83
70		67	270	2	57	470	4	47	670	6	37	870	8	27
700	6	65	2700	25	65	4700	44	65	6700	63	65	8700	82	65
8		08	28		27	48		46	68		65	88		84
80		76	280	2	66	480	4	56	680	6	46	880	8	36
800	7	60	2800	26	60	4800	45	60	6800	64	60	8800	83	60
9		09	29		28	49		47	69		66	89		85
90		86	290	2	76	490	4	66	690	6	56	890	8	46
900	8	55	2900	27	55	4900	46	55	6900	65	55	8900	84	55
10		10	30		29	50		48	70		67	90		86
100		95	300	2	85	500	4	75	700	6	65	900	8	55
1000	9	50	3000	28	50	5000	47	50	7000	66	50	9000	85	50
11		10	31		29	51		48	71		67	91		86
110	1	05	310	2	95	510	4	85	710	6	75	910	8	65
1100	10	45	3100	29	45	5100	48	45	7100	67	45	9100	86	45
12		11	32		30	52		49	72		68	92		87
120	1	14	320	3	04	520	4	94	720	6	84	920	8	74
1200	11	40	3200	30	40	5200	49	40	7200	68	40	9200	87	40
13		12	33		31	53		50	73		69	93		88
130	1	24	330	3	14	530	5	04	730	6	94	930	8	84
1300	12	35	3300	31	35	5300	50	35	7300	69	35	9300	88	35
14		13	34		32	54		51	74		70	94		89
140	1	33	340	3	23	540	5	13	740	7	03	940	8	93
1400	13	30	3400	32	30	5400	51	30	7400	70	30	9400	89	30
15		14	35		33	55		52	75		71	95		90
150	1	43	350	3	33	550	5	23	750	7	13	950	9	03
1500	14	25	3500	33	25	5500	52	25	7500	71	25	9500	90	25
16		15	36		34	56		53	76		72	96		91
160	1	52	360	3	42	560	5	32	760	7	22	960	9	12
1600	15	20	3600	34	20	5600	53	20	7600	72	20	9600	91	20
17		16	37		35	57		54	77		73	97		92
170	1	62	370	3	52	570	5	42	770	7	32	970	9	22
1700	16	15	3700	35	15	5700	54	15	7700	73	15	9700	92	15
18		17	38		36	58		55	78		74	98		93
180	1	71	380	3	61	580	5	51	780	7	41	980	9	31
1800	17	10	3800	36	10	5800	55	10	7800	74	10	9800	93	10
19		18	39		37	59		56	79		75	99		94
190	1	81	390	3	71	590	5	61	790	7	51	990	9	41
1900	18	05	3900	37	05	5900	56	05	7900	75	05	9900	94	05
20		19	40		38	60		57	80		76	100		95
200	1	90	400	3	80	600	5	70	800	7	60	1000	9	50
2000	19	00	4000	38	00	6000	57	00	8000	76	00	10,000	95	00

POUNDS.

2000 POUNDS ONE TON.

\$19.20			96 CENTS.			\$19.20								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		20	41		39	61		59	81		78
10		10	210	2	02	410	3	94	610	5	86	810	7	78
100		96	2100	20	16	4100	39	36	6100	58	56	8100	77	76
2		02	22		21	42		40	62		60	82		79
20		19	220	2	11	420	4	03	620	5	95	820	7	87
200	1	92	2200	21	12	4200	40	32	6200	59	52	8200	78	72
3		03	23		22	43		41	63		60	83		80
30		29	230	2	21	430	4	13	630	6	05	830	7	97
300	2	88	2300	22	08	4300	41	28	6300	60	48	8300	79	68
4		04	24		23	44		42	64		61	84		81
40		38	240	2	30	440	4	22	640	6	14	840	8	06
400	3	84	2400	23	04	4400	42	24	6400	61	44	8400	80	64
5		05	25		24	45		43	65		62	85		82
50		48	250	2	40	450	4	32	650	6	24	850	8	16
500	4	80	2500	24	00	4500	43	20	6500	62	40	8500	81	60
6		06	26		25	46		44	66		63	86		83
60		58	260	2	50	460	4	42	660	6	34	860	8	26
600	5	76	2600	24	96	4600	44	16	6600	63	36	8600	82	56
7		07	27		26	47		45	67		64	87		84
70		67	270	2	59	470	4	51	670	6	43	870	8	35
700	6	72	2700	25	92	4700	45	12	6700	64	32	8700	83	52
8		08	28		27	48		46	68		65	88		84
80		77	280	2	69	480	4	61	680	6	53	880	8	45
800	7	68	2800	26	88	4800	46	08	6800	65	28	8800	84	48
9		09	29		28	49		47	69		66	89		85
90		86	290	2	78	490	4	70	690	6	62	890	8	54
900	8	64	2900	27	84	4900	47	04	6900	66	24	8900	85	44
10		10	30		29	50		48	70		67	90		86
100		96	300	2	88	500	4	80	700	6	72	900	8	64
1000	9	60	3000	28	80	5000	48	00	7000	67	20	9000	86	40
11		11	31		30	51		49	71		68	91		87
110	1	06	310	2	98	510	4	90	710	6	82	910	8	73
1100	10	56	3100	29	76	5100	48	96	7100	68	16	9100	87	36
12		12	32		31	52		50	72		69	92		88
120	1	15	320	3	07	520	4	99	720	6	91	920	8	83
1200	11	52	3200	30	72	5200	49	92	7200	69	12	9200	88	32
13		13	33		32	53		51	73		70	93		89
130	1	25	330	3	17	530	5	09	730	7	01	930	8	93
1300	12	48	3300	31	68	5300	50	88	7300	70	08	9300	89	28
14		14	34		33	54		52	74		71	94		90
140	1	34	340	3	26	540	5	18	740	7	10	940	9	02
1400	13	44	3400	32	64	5400	51	84	7400	71	04	9400	90	24
15		15	35		34	55		53	75		72	95		91
150	1	44	350	3	36	550	5	28	750	7	20	950	9	12
1500	14	40	3500	33	60	5500	52	80	7500	72	00	9500	91	20
16		16	36		35	56		54	76		73	96		92
160	1	54	360	3	46	560	5	38	760	7	30	960	9	22
1600	15	36	3600	34	56	5600	53	76	7600	72	96	9600	92	16
17		17	37		36	57		55	77		74	97		93
170	1	63	370	3	55	570	5	47	770	7	39	970	9	31
1700	16	32	3700	35	52	5700	54	72	7700	73	92	9700	93	12
18		18	38		37	58		56	78		75	98		94
180	1	73	380	3	65	580	5	57	780	7	49	980	9	41
1800	17	28	3800	36	48	5800	55	68	7800	74	88	9800	94	08
19		19	39		38	59		57	79		76	99		95
190	1	82	390	3	74	590	5	66	790	7	58	990	9	50
1900	18	24	3900	37	44	5900	56	64	7900	75	84	9900	95	04
20		19	40		38	60		58	80		77	100		96
200	1	92	400	3	84	600	5	76	800	7	68	1000	9	60
2000	19	20	4000	38	40	6000	57	60	8000	76	80	10,000	96	00

POUNDS.

2000 POUNDS ONE TON.

\$19.40			97 CENTS.			\$19.40								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		20	41		40	61		59	81		79
10		10	210	2	04	410	3	98	610	5	92	810	7	86
100		97	2100	20	37	4100	39	77	6100	59	17	8100	78	57
2		02	22		21	42		41	62		60	82		80
20		19	220	2	13	420	4	07	620	6	01	820	7	95
200	1	94	2200	21	34	4200	40	74	6200	60	14	8200	79	54
3		03	23		22	43		42	63		61	83		81
30		29	230	2	23	430	4	17	630	6	11	830	8	05
300	2	91	2300	22	31	4300	41	71	6300	61	11	8300	80	51
4		04	24		23	44		43	64		62	84		81
40		39	240	2	33	440	4	27	640	6	21	840	8	15
400	3	88	2400	23	28	4400	42	68	6400	62	08	8400	81	48
5		05	25		24	45		44	65		63	85		82
50		49	250	2	43	450	4	37	650	6	31	850	8	25
500	4	85	2500	24	25	4500	43	65	6500	63	05	8500	82	45
6		06	26		25	46		45	66		64	86		83
60		58	260	2	52	460	4	46	660	6	40	860	8	34
600	5	82	2600	25	22	4600	44	62	6600	64	02	8600	83	42
7		07	27		26	47		46	67		65	87		84
70		68	270	2	62	470	4	56	670	6	50	870	8	44
700	6	79	2700	26	19	4700	45	59	6700	64	99	8700	84	39
8		08	28		27	48		47	68		66	88		85
80		78	280	2	72	480	4	66	680	6	60	880	8	54
800	7	75	2800	27	16	4800	46	56	6800	65	96	8800	85	36
9		09	29		28	49		48	69		67	89		86
90		87	290	2	81	490	4	75	690	6	69	890	8	63
900	8	73	2900	28	13	4900	47	53	6900	66	93	8900	86	33
10		10	30		29	50		49	70		68	90		87
100		97	300	2	91	500	4	85	700	6	79	900	8	73
1000	9	70	3000	29	10	5000	48	50	7000	67	90	9000	87	30
11		11	31		30	51		49	71		69	91		88
110	1	07	310	3	01	510	4	95	710	6	89	910	8	83
1100	10	67	3100	30	07	5100	49	47	7100	68	87	9100	88	27
12		12	32		31	52		50	72		70	92		89
120	1	16	320	3	10	520	5	04	720	6	98	920	8	92
1200	11	64	3200	31	04	5200	50	44	7200	69	84	9200	89	24
13		13	33		32	53		51	73		71	93		90
130	1	26	330	3	20	530	5	14	730	7	08	930	9	02
1300	12	61	3300	32	01	5300	51	41	7300	70	81	9300	90	21
14		14	34		33	54		52	74		72	94		91
140	1	36	340	3	30	540	5	23	740	7	18	940	9	12
1400	13	58	3400	32	98	5400	52	38	7400	71	78	9400	91	18
15		15	35		34	55		53	75		73	95		92
150	1	46	350	3	40	550	5	34	750	7	28	950	9	22
1500	14	55	3500	33	95	5500	53	35	7500	72	75	9500	92	15
16		16	36		35	56		54	76		74	96		93
160	1	55	360	3	49	560	5	43	760	7	37	960	9	31
1600	15	52	3600	34	92	5600	54	32	7600	73	72	9600	93	12
17		17	37		36	57		55	77		75	97		94
170	1	65	370	3	59	570	5	53	770	7	47	970	9	41
1700	16	49	3700	35	89	5700	55	29	7700	74	69	9700	94	09
18		18	38		37	58		56	78		76	98		95
180	1	75	380	3	69	580	5	63	780	7	57	980	9	51
1800	17	46	3800	36	86	5800	56	26	7800	75	66	9800	95	06
19		19	39		38	59		57	79		77	99		96
190	1	84	390	3	78	590	5	72	790	7	66	990	9	60
1900	18	43	3900	37	83	5900	57	23	7900	76	63	9900	96	03
20		19	40		39	60		58	80		78	100		97
200	1	94	400	3	88	600	5	82	800	7	76	1000	9	70
2000	19	40	4000	38	80	6000	58	20	8000	77	60	10,000	97	00

POUNDS.

2000 POUNDS ONE TON.

\$19.60			98 CENTS			\$19.60								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		21	41		40	61		60	81		79
10		10	210		206	410		402	610		598	810		794
100		98	2100		2058	4100		4018	6100		5978	8100		7938
2		02	22		22	42		41	62		61	82		80
20		20	220		216	420		412	620		608	820		804
200		196	2200		2156	4200		4116	6200		6076	8200		8036
3		03	23		23	43		42	63		62	83		81
30		29	230		225	430		421	630		617	830		813
300		294	2300		2254	4300		4214	6300		6174	8300		8134
4		04	24		24	44		43	64		63	84		82
40		39	240		235	440		431	640		627	840		823
400		392	2400		2352	4400		4312	6400		6272	8400		8232
5		05	25		25	45		44	65		64	85		83
50		49	250		245	450		441	650		637	850		833
500		490	2500		2450	4500		4410	6500		6370	8500		8330
6		06	26		25	46		45	66		65	86		84
60		59	260		255	460		451	660		647	860		843
600		588	2600		2548	4600		4508	6600		6468	8600		8428
7		07	27		26	47		46	67		66	87		85
70		69	270		265	470		461	670		657	870		853
700		686	2700		2646	4700		4606	6700		6566	8700		8526
8		08	28		27	48		47	68		67	88		86
80		78	280		274	480		470	680		666	880		862
800		784	2800		2744	4800		4704	6800		6664	8800		8624
9		09	29		28	49		48	69		68	89		87
90		88	290		284	490		480	690		676	890		872
900		882	2900		2842	4900		4802	6900		6762	8900		8722
10		10	30		29	50		49	70		69	90		88
100		98	300		294	500		490	700		686	900		882
1000		980	3000		2940	5000		4900	7000		6860	9000		8820
11		11	31		30	51		50	71		70	91		89
110		108	310		304	510		500	710		696	910		892
1100		1078	3100		3038	5100		4998	7100		6958	9100		8918
12		12	32		31	52		51	72		71	92		90
120		118	320		314	520		510	720		706	920		902
1200		1176	3200		3136	5200		5096	7200		7056	9200		9016
13		13	33		32	53		52	73		72	93		91
130		127	330		323	530		519	730		715	930		911
1300		1274	3300		3234	5300		5194	7300		7154	9300		9114
14		14	34		33	54		53	74		73	94		92
140		137	340		333	540		529	740		725	940		921
1400		1372	3400		3332	5400		5292	7400		7252	9400		9212
15		15	35		34	55		54	75		74	95		93
150		147	350		343	550		539	750		735	950		931
1500		1470	3500		3430	5500		5390	7500		7350	9500		9310
16		16	36		35	56		55	76		74	96		94
160		157	360		353	560		549	760		745	960		941
1600		1568	3600		3528	5600		5488	7600		7448	9600		9408
17		17	37		36	57		56	77		75	97		95
170		167	370		363	570		558	770		755	970		951
1700		1666	3700		3626	5700		5586	7700		7546	9700		9506
18		18	38		37	58		57	78		76	98		96
180		176	380		372	580		568	780		764	980		960
1800		1764	3800		3724	5800		5684	7800		7644	9800		9604
19		19	39		38	59		58	79		77	99		97
190		186	390		382	590		578	790		774	990		970
1900		1862	3900		3822	5900		5782	7900		7742	9900		9702
20		20	40		39	60		59	80		78	100		98
200		196	400		392	600		588	800		784	1000		980
2000		1960	4000		3920	6000		5880	8000		7840	10,000		9800

POUNDS.

2000 POUNDS ONE TON.

\$19.80			99 CENTS.									\$19.80		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		21	41		41	61		60	81		80
10		10	210	2	08	410	4	06	610	6	04	810	8	02
100		99	2100	20	79	4100	40	59	6100	60	39	8100	80	19
2		02	22		22	42		42	62		61	82		81
20		20	220	2	18	420	4	16	620	6	14	820	8	12
200	1	98	2200	21	78	4200	41	58	6200	61	38	8200	81	18
3		03	23		23	43		43	63		62	83		82
30		30	230	2	28	430	4	26	630	6	24	830	8	22
300	2	97	2300	22	77	4300	42	57	6300	62	37	8300	82	17
4		04	24		24	44		44	64		63	84		83
40		40	240	2	38	440	4	36	640	6	34	840	8	32
400	3	96	2400	23	76	4400	43	56	6400	63	36	8400	83	16
5		05	25		25	45		45	65		64	85		84
50		50	250	2	48	450	4	46	650	6	44	850	8	42
500	4	95	2500	24	75	4500	44	55	6500	64	35	8500	84	15
6		06	26		26	46		46	66		65	86		85
60		60	260	2	57	460	4	55	660	6	53	860	8	51
600	5	94	2600	25	74	4600	45	54	6600	65	34	8600	85	14
7		07	27		27	47		46	67		66	87		86
70		69	270	2	67	470	4	65	670	6	63	870	8	61
700	6	93	2700	26	73	4700	46	53	6700	66	33	8700	86	13
8		08	28		28	48		48	68		67	88		87
80		79	280	2	77	480	4	75	680	6	73	880	8	71
800	7	92	2800	27	72	4800	47	52	6800	67	32	8800	87	12
9		09	29		29	49		49	69		68	89		88
90		89	290	2	87	490	4	85	690	6	83	890	8	81
900	8	91	2900	28	71	4900	48	51	6900	68	31	8900	88	11
10		10	30		30	50		50	70		69	90		89
100		99	300	2	97	500	4	95	700	6	93	900	8	91
1000	9	90	3000	29	70	5000	49	50	7000	69	30	9000	89	10
11		11	31		31	51		50	71		70	91		90
110		09	310	3	07	510	5	05	710	7	03	910	9	01
1100	10	89	3100	30	69	5100	50	49	7100	70	29	9100	90	09
12		12	32		32	52		51	72		71	92		91
120		19	320	3	17	520	5	15	720	7	13	920	9	11
1200	11	88	3200	31	68	5200	51	48	7200	71	28	9200	91	08
13		13	33		33	53		52	73		72	93		92
130		29	330	3	27	530	5	25	730	7	23	930	9	21
1300	12	87	3300	32	67	5300	52	47	7300	72	27	9300	92	07
14		14	34		34	54		53	74		73	94		93
140		39	340	3	37	540	5	34	740	7	33	940	9	31
1400	13	86	3400	33	66	5400	53	46	7400	73	26	9400	93	06
15		15	35		35	55		54	75		74	95		94
150		49	350	3	47	550	5	45	750	7	43	950	9	41
1500	14	85	3500	34	65	5500	54	45	7500	74	25	9500	94	05
16		16	36		36	56		55	76		75	96		95
160		58	360	3	56	560	5	54	760	7	52	960	9	50
1600	15	84	3600	35	64	5600	55	44	7600	75	24	9600	95	04
17		17	37		37	57		56	77		76	97		96
170		68	370	3	66	570	5	64	770	7	62	970	9	60
1700	16	83	3700	36	63	5700	56	43	7700	76	23	9700	96	03
18		18	38		38	58		57	78		77	98		97
180		78	380	3	76	580	5	74	780	7	72	980	9	70
1800	17	82	3800	37	62	5800	57	42	7800	77	22	9800	97	02
19		19	39		39	59		58	79		78	99		98
190		88	390	3	86	590	5	84	790	7	82	990	9	80
1900	18	81	3900	38	61	5900	58	41	7900	78	21	9900	98	01
20		20	40		40	60		59	80		79	100		99
200		98	400	3	96	600	5	94	800	7	92	1000	9	90
2000	19	80	4000	39	60	6000	59	40	8000	79	20	10,000	99	00

POUNDS.

2000 POUNDS ONE TON.

\$20.00			\$1.00			\$20.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		21	41		41	61		61	81		81
10		10	210	2	10	410	4	10	610	6	10	810	8	10
100	1	00	2100	21	00	4100	41	00	6100	61	00	8100	81	00
2		02	22		22	42		42	62		62	82		82
20		20	220	2	20	420	4	20	620	6	20	820	8	20
200	2	00	2200	22	00	4200	42	00	6200	62	00	8200	82	00
3		03	23		23	43		43	63		63	83		83
30		30	230	2	30	430	4	30	630	6	30	830	8	30
300	3	00	2300	23	00	4300	43	00	6300	63	00	8300	83	00
4		04	24		24	44		44	64		64	84		84
40		40	240	2	40	440	4	40	640	6	40	840	8	40
400	4	00	2400	24	00	4400	44	00	6400	64	00	8400	84	00
5		05	25		25	45		45	65		65	85		85
50		50	250	2	50	450	4	50	650	6	50	850	8	50
500	5	00	2500	25	00	4500	45	00	6500	65	00	8500	85	00
6		06	26		26	46		46	66		66	86		86
60		60	260	2	60	460	4	60	660	6	60	860	8	60
600	6	00	2600	26	00	4600	46	00	6600	66	00	8600	86	00
7		07	27		27	47		47	67		67	87		87
70		70	270	2	70	470	4	70	670	6	70	870	8	70
700	7	00	2700	27	00	4700	47	00	6700	67	00	8700	87	00
8		08	28		28	48		48	68		68	88		88
80		80	280	2	80	480	4	80	680	6	80	880	8	80
800	8	00	2800	28	00	4800	48	00	6800	68	00	8800	88	00
9		09	29		29	49		49	69		69	89		89
90		90	290	2	90	490	4	90	690	6	90	890	8	90
900	9	00	2900	29	00	4900	49	00	6900	69	00	8900	89	00
10		10	30		30	50		50	70		70	90		90
100	1	00	300	3	00	500	5	00	700	7	00	900	9	00
1000	10	00	3000	30	00	5000	50	00	7000	70	00	9000	90	00
11		11	31		31	51		51	71		71	91		91
110	1	10	310	3	10	510	5	10	710	7	10	910	9	10
1100	11	00	3100	31	00	5100	51	00	7100	71	00	9100	91	00
12		12	32		32	52		52	72		72	92		92
120	1	20	320	3	20	520	5	20	720	7	20	920	9	20
1200	12	00	3200	32	00	5200	52	00	7200	72	00	9200	92	00
13		13	33		33	53		53	73		73	93		93
130	1	30	330	3	30	530	5	30	730	7	30	930	9	30
1300	13	00	3300	33	00	5300	53	00	7300	73	00	9300	93	00
14		14	34		34	54		54	74		74	94		94
140	1	40	340	3	40	540	5	40	740	7	40	940	9	40
1400	14	00	3400	34	00	5400	54	00	7400	74	00	9400	94	00
15		15	35		35	55		55	75		75	95		95
150	1	50	350	3	50	550	5	50	750	7	50	950	9	50
1500	15	00	3500	35	00	5500	55	00	7500	75	00	9500	95	00
16		16	36		36	56		56	76		76	96		96
160	1	60	360	3	60	560	5	60	760	7	60	960	9	60
1600	16	00	3600	36	00	5600	56	00	7600	76	00	9600	96	00
17		17	37		37	57		57	77		77	97		97
170	1	70	370	3	70	570	5	70	770	7	70	970	9	70
1700	17	00	3700	37	00	5700	57	00	7700	77	00	9700	97	00
18		18	38		38	58		58	78		78	98		98
180	1	80	380	3	80	580	5	80	780	7	80	980	9	80
1800	18	00	3800	38	00	5800	58	00	7800	78	00	9800	98	00
19		19	39		39	59		59	79		79	99		99
190	1	90	390	3	90	590	5	90	790	7	90	990	9	90
1900	19	00	3900	39	00	5900	59	00	7900	79	00	9900	99	00
20		20	40		40	60		60	80		80	100		100
200	2	00	400	4	00	600	6	00	800	8	00	1000	10	00
2000	20	00	4000	40	00	6000	60	00	8000	80	00	10,000	100	00

2000 POUNDS ONE TON.

399

POUNDS.

2000 POUNDS ONE TON.

\$22.00			\$1.10			\$22.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		23	41		45	61		67	81		89
10		11	210	2	31	410	4	51	610	6	71	810	8	91
100	1	10	2100	23	10	4100	45	10	6100	67	10	8100	89	10
2		02	22		24	42		46	62		68	82		90
20		22	220	2	42	420	4	62	620	6	82	820	9	02
200	2	20	2200	24	20	4200	46	20	6200	68	20	8200	90	20
3		03	23		25	43		47	63		69	83		91
30		33	230	2	53	430	4	73	630	6	93	830	9	13
300	3	30	2300	25	30	4300	47	30	6300	69	30	8300	91	30
4		04	24		26	44		48	64		70	84		92
40		44	240	2	64	440	4	84	640	7	04	840	9	24
400	4	40	2400	26	40	4400	48	40	6400	70	40	8400	92	40
5		06	25		28	45		50	65		72	85		94
50		55	250	2	75	450	4	95	650	7	15	850	9	35
500	5	50	2500	27	50	4500	49	50	6500	71	50	8500	93	50
6		07	26		29	46		51	66		73	86		95
60		66	260	2	86	460	5	06	660	7	26	860	9	46
600	6	60	2600	28	60	4600	50	60	6600	72	60	8600	94	60
7		08	27		30	47		52	67		74	87		96
70		77	270	2	97	470	5	17	670	7	37	870	9	57
700	7	70	2700	29	70	4700	51	70	6700	73	70	8700	95	70
8		09	28		31	48		53	68		75	88		97
80		88	280	3	08	480	5	28	680	7	48	880	9	68
800	8	80	2800	30	80	4800	52	80	6800	74	80	8800	96	80
9		10	29		32	49		54	69		76	89		98
90		99	290	3	19	490	5	39	690	7	59	890	9	79
900	9	90	2900	31	90	4900	53	90	6900	75	90	8900	97	90
10		11	30		33	50		55	70		77	90		99
100	1	10	300	3	30	500	5	50	700	7	70	900	9	90
1000	11	00	3000	33	00	5000	55	00	7000	77	00	9000	99	00
11		12	31		34	51		56	71		78	91		100
110	1	21	310	3	41	510	5	61	710	7	81	910	10	01
1100	12	10	3100	34	10	5100	56	10	7100	78	10	9100	100	10
12		13	32		35	52		57	72		79	92		101
120	1	32	320	3	52	520	5	72	720	7	92	920	10	12
1200	13	20	3200	35	20	5200	57	20	7200	79	20	9200	101	20
13		14	33		36	53		58	73		80	93		102
130	1	43	330	3	63	530	5	83	730	8	03	930	10	23
1300	14	30	3300	36	30	5300	58	30	7300	80	30	9300	102	30
14		15	34		37	54		59	74		81	94		103
140	1	54	340	3	74	540	5	94	740	8	14	940	10	34
1400	15	40	3400	37	40	5400	59	40	7400	81	40	9400	103	40
15		17	35		39	55		61	75		83	95		105
150	1	65	350	3	85	550	6	05	750	8	25	950	10	45
1500	16	50	3500	38	50	5500	60	50	7500	82	50	9500	104	50
16		18	36		40	56		62	76		84	96		106
160	1	76	360	3	96	560	6	16	760	8	36	960	10	56
1600	17	60	3600	39	60	5600	61	60	7600	83	60	9600	105	60
17		19	37		41	57		63	77		85	97		107
170	1	87	370	4	07	570	6	27	770	8	47	970	10	67
1700	18	70	3700	40	70	5700	62	70	7700	84	70	9700	106	70
18		20	38		42	58		64	78		86	98		108
180	1	98	380	4	18	580	6	38	780	8	58	980	10	78
1800	19	80	3800	41	80	5800	63	80	7800	85	80	9800	107	80
19		21	39		43	59		65	79		87	99		109
190	2	09	390	4	29	590	6	49	790	8	69	990	10	89
1900	20	90	3900	42	90	5900	64	90	7900	86	90	9900	108	90
20		22	40		44	60		66	80		88	100		110
200	2	20	400	4	40	600	6	60	800	8	80	1000	11	00
2000	22	00	4000	44	00	6000	66	00	8000	88	00	10.000	110	00

POUNDS.

2000 POUNDS ONE TON.

\$23.00

\$1.15

\$23.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		24	41		47	61		70	81		93
10		12	210	2	42	410	4	72	610	7	02	810	9	32
100	1	15	2100	24	15	4100	47	15	6100	70	15	8100	93	15
2		02	22		25	42		48	62		71	82		94
20		23	220	2	53	420	4	83	620	7	13	820	9	43
200	2	30	2200	25	30	4200	48	30	6200	71	30	8200	94	30
3		03	23		26	43		49	63		72	83		95
30		35	230	2	65	430	4	95	630	7	25	830	9	55
300	3	45	2300	26	45	4300	49	45	6300	72	45	8300	95	45
4		05	24		28	44		51	64		74	84		97
40		46	240	2	76	440	5	06	640	7	36	840	9	66
400	4	60	2400	27	60	4400	50	60	6400	73	60	8400	96	60
5		06	25		29	45		52	65		74	85		98
50		58	250	2	88	450	5	18	650	7	48	850	9	78
500	5	75	2500	28	75	4500	51	75	6500	74	75	8500	97	75
6		07	26		30	46		53	66		76	86		99
60		69	260	2	99	460	5	29	660	7	59	860	9	89
600	6	90	2600	29	90	4600	52	90	6600	75	90	8600	98	90
7		08	27		31	47		54	67		77	87	1	00
70		81	270	3	11	470	5	41	670	7	71	870	10	01
700	8	05	2700	31	05	4700	54	05	6700	77	05	8700	100	05
8		09	28		32	48		55	68		78	88	1	01
80		92	280	3	22	480	5	52	680	7	82	880	10	12
800	9	20	2800	32	20	4800	55	20	6800	78	20	8800	101	20
9		10	29		33	49		56	69		79	89	1	02
90	1	04	290	3	34	490	5	64	690	7	94	890	10	24
900	10	35	2900	33	35	4900	56	35	6900	79	35	8900	102	35
10		12	30		35	50		58	70		81	90	1	04
100	1	15	300	3	45	500	5	75	700	8	05	900	10	35
1000	11	50	3000	34	50	5000	57	50	7000	80	50	9000	103	50
11		13	31		37	51		59	71		82	91	1	05
110	1	27	310	3	57	510	5	87	710	8	17	910	10	47
1100	12	65	3100	35	65	5100	58	65	7100	81	65	9100	104	65
12		14	32		37	52		60	72		83	92	1	06
120	1	38	320	3	68	520	5	98	720	8	28	920	10	58
1200	13	80	3200	36	80	5200	59	80	7200	82	80	9200	105	80
13		15	33		38	53		61	73		84	93	1	07
130	1	50	330	3	80	530	6	10	730	8	40	930	10	70
1300	14	95	3300	37	95	5300	60	95	7300	83	95	9300	106	95
14		16	34		39	54		62	74		85	94	1	08
140	1	61	340	3	91	540	6	21	740	8	51	940	10	81
1400	16	10	3400	39	10	5400	62	10	7400	85	10	9400	108	10
15		17	35		40	55		63	75		86	95	1	09
150	1	73	350	4	03	550	6	33	750	8	63	950	10	93
1500	17	25	3500	40	25	5500	63	25	7500	86	25	9500	109	25
16		18	36		41	56		64	76		87	96	1	10
160	1	84	360	4	14	560	6	44	760	8	74	960	11	04
1600	18	40	3600	41	40	5600	64	40	7600	87	40	9600	110	40
17		20	37		43	57		66	77		89	97	1	12
170	1	96	370	4	26	570	6	56	770	8	86	970	11	16
1700	19	55	3700	42	55	5700	65	55	7700	88	55	9700	111	55
18		21	38		44	58		67	78		90	98	1	13
180	2	07	380	4	37	580	6	67	780	8	97	980	11	27
1800	20	70	3800	43	70	5800	66	70	7800	89	70	9800	112	70
19		22	39		45	59		68	79		91	99	1	14
190	2	19	390	4	49	590	6	79	790	9	09	990	11	39
1900	21	85	3900	44	85	5900	67	85	7900	90	85	9900	113	85
20		23	40		46	60		69	80		92	100	1	15
200	2	30	400	4	60	600	6	90	800	9	20	1000	11	50
2000	23	00	4000	46	00	6000	69	00	8000	92	00	10,000	115	00

POUNDS.

2000 POUNDS ONE TON

\$24.00

\$1.20

\$24.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		25	41		49	61		73	81		97
10		12	210	2	52	410	4	92	610	7	32	810	9	72
100	1	20	2100	25	20	4100	49	20	6100	73	20	8100	97	20
2		02	22		26	42		50	62		74	82		98
20		24	220	2	64	420	5	04	620	7	44	820	9	84
200	2	40	2200	26	40	4200	50	40	6200	74	40	8200	98	40
3		04	23		28	43		52	63		76	83	1	00
30		36	230	2	76	430	5	16	630	7	56	830	9	96
300	3	60	2300	27	60	4300	51	60	6300	75	60	8300	99	60
4		05	24		29	44		53	64		77	84	1	01
40		48	240	2	88	440	5	28	640	7	68	840	10	08
400	4	80	2400	28	80	4400	52	80	6400	76	80	8400	100	08
5		06	25		30	45		54	65		78	85	1	02
50		60	250	3	00	450	5	40	650	7	80	850	10	20
500	6	00	2500	30	00	4500	54	00	6500	78	00	8500	102	00
6		07	26		31	46		55	66		79	86	1	03
60		72	260	3	12	460	5	52	660	7	92	860	10	32
600	7	20	2600	31	20	4600	55	20	6600	79	20	8600	103	20
7		08	27		32	47		56	67		80	87	1	04
70		84	270	3	24	470	5	64	670	8	04	870	10	44
700	8	40	2700	32	40	4700	56	40	6700	80	40	8700	104	40
8		10	28		34	48		58	68		82	88	1	06
80		96	280	3	36	480	5	76	680	8	16	880	10	56
800	9	60	2800	33	60	4800	57	60	6800	81	60	8800	105	60
9		11	29		35	49		59	69		83	89	1	07
90		08	290	3	48	490	5	88	690	8	28	890	10	68
900	10	80	2900	34	80	4900	58	80	6900	82	80	8900	106	80
10		12	30		36	50		60	70		84	90	1	08
100		20	300	3	60	500	6	00	700	8	40	900	10	80
1000	12	00	3000	36	00	5000	60	00	7000	84	00	9000	108	00
11		13	31		37	51		61	71		85	91	1	09
110		32	310	3	72	510	6	12	710	8	52	910	10	92
1100	13	20	3100	37	20	5100	61	20	7100	85	20	9100	109	20
12		14	32		38	52		62	72		86	92	1	10
120		44	320	3	84	520	6	24	720	8	64	920	11	04
1200	14	40	3200	38	40	5200	62	40	7200	86	40	9200	110	40
13		16	33		40	53		64	73		88	93	1	12
130		56	330	3	96	530	6	36	730	8	76	930	11	16
1300	15	60	3300	39	60	5300	63	60	7300	87	60	9300	111	60
14		17	34		41	54		65	74		88	94	1	13
140		68	340	4	08	540	6	48	740	8	88	940	11	28
1400	16	80	3400	40	80	5400	64	80	7400	88	80	9400	112	80
15		18	35		42	55		66	75		90	95	1	14
150		80	350	4	20	550	6	60	750	9	00	950	11	40
1500	18	00	3500	42	00	5500	66	00	7500	90	00	9500	114	00
16		19	36		43	56		67	76		91	96	1	15
160		92	360	4	32	560	6	72	760	9	12	960	11	52
1600	19	20	3600	43	20	5600	67	20	7600	91	20	9600	115	20
17		20	37		44	57		68	77		92	97	1	16
170		04	370	4	43	570	6	84	770	9	24	970	11	64
1700	20	40	3700	44	40	5700	68	40	7700	92	40	9700	116	40
18		22	38		46	58		70	78		94	98	1	18
180		16	380	4	56	580	6	96	780	9	36	980	11	76
1800	21	60	3800	45	60	5800	69	60	7800	93	60	9800	117	60
19		23	39		47	59		71	79		95	99	1	19
190		28	390	4	68	590	7	08	790	9	48	990	11	88
1900	22	80	3900	46	80	5900	70	80	7900	94	80	9900	118	80
20		24	40		48	60		72	80		96	100	1	20
200		40	400	4	80	600	7	20	800	9	60	1000	12	00
2000	24	00	4000	48	00	6000	72	00	8000	96	00	10,000	120	00

POUNDS.

2000 POUNDS ONE TON

\$25.00

\$1.25

\$25.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		26	41		51	61		76	81	1	01
10		13	210	2	63	410	5	13	610	7	63	810	10	13
100	1	25	2100	26	25	4100	51	25	6100	76	25	8100	101	25
2		03	22		28	42		53	62		78	82	1	03
20		25	220	2	75	420	5	25	620	7	75	820	10	25
200	2	50	2200	27	50	4200	52	50	6200	77	50	8200	102	50
3		04	23		29	43		54	63		79	83	1	04
30		38	230	2	88	430	5	38	630	7	88	830	10	38
300	3	75	2300	28	75	4300	53	75	6300	78	75	8300	103	75
4		05	24		30	44		55	64		80	84	1	05
40		50	240	3	00	440	5	50	640	8	00	840	10	50
400	5	00	2400	30	00	4400	55	00	6400	80	00	8400	105	00
5		06	25		31	45		56	65		81	85	1	06
50		63	250	3	13	450	5	63	650	8	13	850	10	63
500	6	25	2500	31	25	4500	56	25	6500	81	25	8500	106	25
6		08	26		33	46		58	66		83	86	1	08
60		75	260	3	25	460	5	75	660	8	25	860	10	75
600	7	50	2600	32	50	4600	57	50	6600	82	50	8600	107	50
7		09	27		34	47		59	67		84	87	1	09
70		88	270	3	38	470	5	88	670	8	38	870	10	88
700	8	75	2700	33	75	4700	58	75	6700	83	75	8700	108	75
8		10	28		35	48		60	68		85	88	1	10
80	1	00	280	3	50	480	6	00	680	8	50	880	11	00
800	10	00	2800	35	00	4800	60	00	6800	85	00	8800	110	00
9		11	29		36	49		61	69		86	89	1	11
90	1	13	290	3	63	490	6	13	690	8	63	890	11	13
900	11	25	2900	36	25	4900	61	25	6900	86	25	8900	111	25
10		13	30		38	50		63	70		88	90	1	13
100	1	25	300	3	75	500	6	25	700	8	75	900	11	25
1000	12	50	3000	37	50	5000	62	50	7000	87	50	9000	112	50
11		14	31		39	51		64	71		89	91	1	14
110	1	38	310	3	88	510	6	38	710	8	88	910	11	38
1100	13	75	3100	38	75	5100	63	75	7100	88	75	9100	113	75
12		15	32		40	52		65	72		90	92	1	15
120	1	50	320	4	00	520	6	50	720	9	00	920	11	50
1200	15	00	3200	40	00	5200	65	00	7200	90	00	9200	115	00
13		16	33		41	53		66	73		91	93	1	16
130	1	63	330	4	13	530	6	63	730	9	13	930	11	63
1300	16	25	3300	41	25	5300	66	25	7300	91	25	9300	116	25
14		18	34		43	54		68	74		92	94	1	18
140	1	75	340	4	25	540	6	75	740	9	25	940	11	75
1400	17	50	3400	42	50	5400	67	50	7400	92	50	9400	117	50
15		19	35		44	55		69	75		94	95	1	19
150	1	88	350	4	38	550	6	88	750	9	38	950	11	88
1500	18	75	3500	43	75	5500	68	75	7500	93	75	9500	118	75
16		20	36		45	56		70	76		95	96	1	20
160	2	00	360	4	50	560	7	00	760	9	50	960	12	00
1600	20	00	3600	45	00	5600	70	00	7600	95	00	9600	120	00
17		21	37		46	57		71	77		96	97	1	21
170	2	13	370	4	63	570	7	13	770	9	63	970	12	13
1700	21	25	3700	46	25	5700	71	25	7700	96	25	9700	121	25
18		23	38		48	58		73	78		98	98	1	23
180	2	25	380	4	75	580	7	25	780	9	75	980	12	25
1800	22	50	3800	47	50	5800	72	50	7800	97	50	9800	122	50
19		24	39		49	59		74	79		99	99	1	24
190	2	38	390	4	88	590	7	38	790	9	88	990	12	38
1900	23	75	3900	48	75	5900	73	75	7900	98	75	9900	123	75
20		25	40		50	60		75	80		100	100	1	25
200	2	50	400	5	00	600	7	50	800	10	00	1000	12	50
2000	25	00	4000	50	00	6000	75	00	8000	100	00	10,000	125	00

POUNDS.

2000 POUNDS ONE TON.

\$26.00						\$1.30						\$26.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		27	41		53	61		79	81		05
10		13	210	2	73	410	5	33	610	7	93	810	10	53
100	1	30	2100	27	30	4100	53	30	6100	79	30	8100	105	30
2		03	22		29	42		55	62		81	82		07
20		26	220	2	86	420	5	46	620	8	06	820	10	66
200	2	60	2200	28	60	4200	54	60	6200	80	60	8200	106	60
3		04	23		30	43		56	63		82	83		08
30		39	230	2	99	430	5	59	630	8	19	830	10	79
300	3	90	2300	29	90	4300	55	90	6300	81	90	8300	107	90
4		05	24		31	44		57	64		83	84		09
40		52	240	3	12	440	5	72	640	8	32	840	10	92
400	5	20	2400	31	20	4400	57	20	6400	83	20	8400	109	20
5		07	25		33	45		59	65		85	85		11
50		65	250	3	25	450	5	85	650	8	45	850	11	05
500	6	50	2500	32	50	4500	58	50	6500	84	50	8500	110	50
6		08	26		34	46		60	66		86	86		12
60		78	260	3	38	460	5	98	660	8	58	860	11	18
600	7	80	2600	33	80	4600	59	80	6600	85	80	8600	111	80
7		09	27		35	47		61	67		87	87		13
70		91	270	3	51	470	6	11	670	8	71	870	11	31
700	9	10	2700	35	10	4700	61	10	6700	87	10	8700	113	10
8		10	28		36	48		62	68		88	88		14
80	1	04	280	3	64	480	6	24	680	8	84	880	11	44
800	10	40	2800	36	40	4800	62	40	6800	88	40	8800	114	40
9		12	29		38	49		64	69		90	89		16
90	1	17	290	3	77	490	6	37	690	8	97	890	11	57
900	11	70	2900	37	70	4900	63	70	6900	89	70	8900	115	70
10		13	30		39	50		65	70		91	90		17
100	1	30	300	3	90	500	6	50	700	9	10	900	11	70
1000	13	00	3000	39	00	5000	65	00	7000	91	00	9000	117	00
11		14	31		40	51		66	71		92	91		18
110	1	43	310	4	03	510	6	63	710	9	23	910	11	83
1100	14	30	3100	40	30	5100	66	30	7100	92	30	9100	118	30
12		16	32		42	52		68	72		94	92		20
120	1	56	320	4	16	520	6	76	720	9	36	920	11	96
1200	15	60	3200	41	60	5200	67	60	7200	93	60	9200	119	60
13		17	33		43	53		69	73		95	93		21
130	1	69	330	4	29	530	6	89	730	9	49	930	12	09
1300	16	90	3300	42	90	5300	68	90	7300	94	90	9300	120	90
14		18	34		44	54		70	74		95	94		22
140	1	82	340	4	42	540	7	02	740	9	62	940	12	22
1400	18	20	3400	44	20	5400	70	20	7400	96	20	9400	122	20
15		20	35		46	55		72	75		98	95		24
150	1	95	350	4	55	550	7	15	750	9	75	950	12	35
1500	19	50	3500	45	50	5500	71	50	7500	97	50	9500	123	50
16		21	36		47	56		73	76		99	96		25
160	2	08	360	4	68	560	7	28	760	9	88	960	12	48
1600	20	80	3600	46	80	5600	72	80	7600	98	80	9600	124	80
17		22	37		48	57		74	77		100	97		26
170	2	21	370	4	81	570	7	41	770	10	01	970	12	61
1700	22	10	3700	48	10	5700	74	10	7700	100	10	9700	126	10
18		23	38		49	58		75	78		101	98		27
180	2	34	380	4	94	580	7	54	780	10	14	980	12	74
1800	23	40	3800	49	40	5800	75	40	7800	101	40	9800	127	40
19		25	39		51	59		77	79		103	99		29
190	2	47	390	5	07	590	7	67	790	10	27	990	12	87
1900	24	70	3900	50	70	5900	76	70	7900	102	70	9900	128	70
20		26	40		52	60		78	80		104	100		30
200	2	60	400	5	20	600	7	80	800	10	40	1000	13	00
2000	26	00	4000	52	00	6000	78	00	8000	104	00	10,000	130	00

POUNDS.

2000 POUNDS ONE TON.

\$27.00

\$1.35

\$27.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		28	41		55	61		82	81		09
10		14	210		84	410		54	610		24	810		10 94
100	I	35	2100	28	35	4100	5	35	6100	82	35	8100	109	35
2		03	22		30	42		57	62		84	82		I 11
20		27	220		2 97	420		5 67	620		8 37	820		II 07
200	2	70	2200	29	70	4200	56	70	6200	83	70	8200	110	70
3		04	23		31	43		58	63		85	83		I 12
30		41	230		3 11	430		5 81	630		8 51	830		II 21
300	4	05	2300	31	05	4300	58	05	6300	85	05	8300	112	05
4		05	24		32	44		59	64		86	84		I 13
40		54	240		3 24	440		5 94	640		8 64	840		II 34
400	5	40	2400	32	40	4400	59	40	6400	86	40	8400	113	40
5		07	25		34	45		61	65		88	85		I 15
50		68	250		3 38	450		6 08	650		8 78	850		II 48
500	6	75	2500	33	75	4500	60	75	6500	87	75	8500	114	75
6		08	26		35	46		62	66		89	86		I 16
60		81	260		3 51	460		6 21	660		8 91	860		II 60
600	8	10	2600	35	10	4600	62	10	6600	89	10	8600	116	10
7		09	27		36	47		63	67		90	87		I 17
70		95	270		3 65	470		6 35	670		9 05	870		II 75
700	9	45	2700	36	45	4700	63	45	6700	90	45	8700	117	45
8		11	28		38	48		65	68		92	88		I 19
80		08	280		3 78	480		6 48	680		9 18	880		II 88
800	10	80	2800	37	80	4800	64	80	6800	91	80	8800	118	80
9		12	29		39	49		66	69		93	89		I 20
90		22	290		3 92	490		6 62	690		9 32	890		II 02
900	12	15	2900	39	15	4900	66	15	6900	93	15	8900	120	15
10		14	30		41	50		68	70		95	90		I 22
100		35	300		4 05	500		6 75	700		9 45	900		II 15
1000	13	50	3000	40	50	5000	67	50	7000	94	50	9000	121	50
11		15	31		42	51		69	71		96	91		I 23
110		49	310		4 19	510		6 89	710		9 59	910		II 29
1100	14	85	3100	41	85	5100	68	85	7100	95	85	9100	122	85
12		16	32		43	52		70	72		97	92		I 24
120		62	320		4 32	520		7 02	720		9 72	920		II 42
1200	16	20	3200	43	20	5200	70	20	7200	97	20	9200	124	20
13		18	33		45	53		72	73		99	93		I 26
130		76	330		4 46	530		7 16	730		9 86	930		II 56
1300	17	55	3300	44	55	5300	71	55	7300	98	55	9300	125	55
14		19	34		46	54		73	74		1 00	94		I 27
140		89	340		4 59	540		7 29	740		9 99	940		II 69
1400	18	90	3400	45	90	5400	72	90	7400	99	90	9400	126	90
15		20	35		47	55		74	75		1 01	95		I 28
150		03	350		4 73	550		7 43	750		10 13	950		II 83
1500	20	25	3500	47	25	5500	74	25	7500	101	25	9500	127	25
16		22	36		49	56		76	76		1 03	96		I 30
160		16	360		4 86	560		7 56	760		10 26	960		II 96
1600	21	60	3600	48	60	5600	75	60	7600	102	60	9600	129	60
17		23	37		50	57		77	77		1 04	97		I 31
170		30	370		5 00	570		7 70	770		10 40	970		II 10
1700	22	95	3700	49	95	5700	76	95	7700	103	95	9700	130	95
18		24	38		51	58		78	78		1 05	98		I 32
180		43	380		5 13	580		7 83	780		10 53	980		II 23
1800	24	30	3800	51	30	5800	78	30	7800	105	30	9800	132	30
19		26	39		53	59		80	79		1 07	99		I 34
190		57	390		5 27	590		7 97	790		10 67	990		II 37
1900	25	65	3900	52	65	5900	79	65	7900	106	65	9900	133	65
20		27	40		54	60		81	80		1 08	100		I 35
200		70	400		5 40	600		8 10	800		10 80	1000		II 50
2000	27	00	4000	54	00	6000	81	00	8000	108	00	10,000	135	00

POUNDS.

2000 POUNDS ONE TON.

\$28.00			\$1.40			\$28.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		29	41		57	61		85	81	I	13
10		14	210	2	94	410	5	74	610	8	54	810	11	34
100	I	40	2100	29	40	4100	57	40	6100	85	40	8100	113	40
2		03	22		31	42		59	62		87	82	I	15
20		28	220	3	08	420	5	88	620	8	68	820	11	48
200	2	80	2200	30	80	4200	58	80	6200	86	80	8200	114	80
3		04	23		32	43		60	63		88	83	I	16
30		42	230	3	22	430	6	02	630	8	82	830	11	62
300	4	20	2300	32	20	4300	60	20	6300	88	20	8300	116	20
4		06	24		34	44		62	64		90	84	I	18
40		56	240	3	36	440	6	16	640	8	96	840	11	76
400	5	60	2400	33	60	4400	61	60	6400	89	60	8400	117	60
5		07	25		35	45		63	65		91	85	I	19
50		70	250	3	50	450	6	30	650	9	10	850	11	90
500	7	00	2500	35	00	4500	63	00	6500	91	00	8500	119	00
6		08	26		36	46		64	66		92	86	I	20
60		84	260	3	64	460	6	44	660	9	24	860	12	04
600	8	40	2600	36	40	4600	64	40	6600	92	40	8600	120	40
7		10	27		38	47		66	67		94	87	I	22
70		98	270	3	78	470	6	58	670	9	38	870	12	18
700	9	80	2700	37	80	4700	65	80	6700	93	80	8700	121	80
8		11	28		39	48		67	68		95	88	I	23
80	I	12	280	3	92	480	6	72	680	9	52	880	12	32
800	11	20	2800	39	20	4800	67	20	6800	95	20	8800	123	20
9		13	29		41	49		69	69		97	89	I	25
90	I	26	290	4	06	490	6	86	690	9	66	890	12	46
900	12	60	2900	40	60	4900	68	60	6900	96	60	8900	124	60
10		14	30		42	50		70	70		98	90	I	26
100	I	40	300	4	20	500	7	00	700	9	80	900	12	60
1000	14	00	3000	42	00	5000	70	00	7000	98	00	9000	126	00
11		15	31		43	51		71	71		99	91	I	27
110	I	54	310	4	34	510	7	14	710	9	94	910	12	74
1100	15	40	3100	43	40	5100	71	40	7100	99	40	9100	127	40
12		17	32		45	52		73	72		101	92	I	29
120	I	68	320	4	48	520	7	28	720	10	08	920	12	88
1200	16	80	3200	44	80	5200	72	80	7200	100	80	9200	128	80
13		18	33		46	53		74	73		102	93	I	30
130	I	82	330	4	62	530	7	42	730	10	22	930	13	02
1300	18	20	3300	46	20	5300	74	20	7300	102	20	9300	130	20
14		20	34		48	54		76	74		104	94	I	32
140	I	96	340	4	76	540	7	56	740	10	36	940	13	16
1400	19	60	3400	47	60	5400	75	60	7400	103	60	9400	131	60
15		21	35		49	55		77	75		105	95	I	33
150	2	10	350	4	90	550	7	70	750	10	50	950	13	30
1500	21	00	3500	49	00	5500	77	00	7500	105	00	9500	133	00
16		22	36		50	56		78	76		106	96	I	34
160	2	24	360	5	04	560	7	84	760	10	64	960	13	44
1600	22	40	3600	50	40	5600	78	40	7600	106	40	9600	134	40
17		24	37		52	57		80	77		109	97	I	36
170	2	38	370	5	18	570	7	98	770	10	78	970	13	58
1700	23	80	3700	51	80	5700	79	80	7700	107	80	9700	135	80
18		25	38		53	58		81	78		109	98	I	37
180	2	52	380	5	32	580	8	12	780	10	92	980	13	72
1800	25	20	3800	53	20	5800	81	20	7800	109	20	9800	137	20
19		27	39		55	59		83	79		111	99	I	39
190	2	66	390	5	46	590	8	26	790	11	06	990	13	86
1900	26	60	3900	54	60	5900	82	60	7900	110	60	9900	138	60
20		28	40		56	60		84	80		112	100	I	40
200	2	80	400	5	60	600	8	40	800	11	20	1000	14	00
2000	28	00	4000	56	00	6000	84	00	8000	112	00	10,000	140	00

POUNDS.

2000 POUNDS ONE TON.

\$29.00

\$1.45

\$29.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		01	21		30	41		59	61		88	81		17
10		15	210	3	05	410	5	95	610	8	85	810	11	75
100	1	45	2100	30	45	4100	59	45	6100	88	45	8100	117	45
2		03	22		32	42		61	62		90	82		19
20		29	220	3	19	420	6	09	620	8	99	820	11	89
200	2	90	2200	31	90	4200	60	90	6200	89	90	8200	118	90
3		04	23		33	43		62	63		91	83		20
30		44	230	3	34	430	6	24	630	9	14	830	12	04
300	4	35	2300	33	35	4300	62	35	6300	91	35	8300	120	35
4		06	24		35	44		64	64		93	84		22
40		58	240	3	48	440	6	38	640	9	28	840	12	18
400	5	80	2400	34	80	4400	63	80	6400	92	80	8400	121	80
5		07	25		36	45		65	65		94	85		23
50		73	250	3	63	450	6	53	650	9	43	850	12	33
500	7	25	2500	36	25	4500	65	25	6500	94	25	8500	123	25
6		09	26		38	46		67	66		96	86		25
60		87	260	3	77	460	6	67	660	9	57	860	12	46
600	8	70	2600	37	70	4600	66	70	6600	95	70	8600	124	70
7		10	27		39	47		68	67		97	87		26
70	1	02	270	3	92	470	6	82	670	9	72	870	12	62
700	10	15	2700	39	15	4700	68	15	6700	97	15	8700	126	15
8		12	28		41	48		70	68		99	88		28
80	1	16	280	4	06	480	6	96	680	9	86	880	12	76
800	11	60	2800	40	60	4800	69	60	6800	98	60	8800	127	60
9		13	29		42	49		71	69		100	89		29
90	1	31	290	4	21	490	7	11	690	10	01	890	12	91
900	13	05	2900	42	05	4900	71	05	6900	100	05	8900	129	05
10		15	30		44	50		73	70		102	90		31
100	1	45	300	4	35	500	7	25	700	10	15	900	13	05
1000	14	50	3000	43	50	5000	72	50	7000	101	50	9000	130	50
11		16	31		45	51		74	71		103	91		32
110	1	60	310	4	50	510	7	40	710	10	30	910	13	20
1100	15	95	3100	44	95	5100	73	95	7100	102	95	9100	131	95
12		17	32		46	52		75	72		104	92		33
120	1	74	320	4	64	520	7	54	720	10	44	920	13	34
1200	17	40	3200	46	40	5200	75	40	7200	104	40	9200	133	40
13		19	33		49	53		77	73		106	93		35
130	1	86	330	4	79	530	7	69	730	10	59	930	13	49
1300	18	85	3300	47	85	5300	76	85	7300	105	85	9300	134	85
14		20	34		49	54		78	74		107	94		36
140	2	03	340	4	93	540	7	83	740	10	73	940	13	03
1400	20	30	3400	49	30	5400	78	30	7400	107	30	9400	136	30
15		22	35		51	55		80	75		108	95		38
150	2	18	350	5	08	550	7	98	750	10	88	950	13	78
1500	21	75	3500	50	75	5500	79	75	7500	108	75	9500	137	75
16		23	36		52	56		81	76		110	96		39
160	2	32	360	5	22	560	8	12	760	11	02	960	13	92
1600	23	20	3600	52	20	5600	81	20	7600	110	20	9600	139	20
17		25	37		54	57		83	77		112	97		41
170	2	47	370	5	37	570	8	27	770	11	17	970	14	07
1700	24	65	3700	53	65	5700	82	65	7700	111	65	9700	140	65
18		26	38		55	58		84	78		113	98		42
180	2	61	380	5	51	580	8	41	780	11	31	980	14	21
1800	26	10	3800	55	10	5800	84	10	7800	113	10	9800	142	10
19		28	39		57	59		86	79		115	99		44
190	2	76	390	5	66	590	8	56	790	11	46	990	14	36
1900	27	55	3900	56	55	5900	85	55	7900	114	55	9900	143	55
20		29	40		58	60		87	80		116	100		45
200	2	90	400	5	80	600	8	70	800	11	60	1000	14	50
2000	29	00	4000	58	00	6000	87	00	8000	116	00	10,000	145	00



POUNDS.

2000 POUNDS ONE TON.

\$30.00			\$1.50			\$30.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		02	21		32	41		61	81		92	1		22
10		15	210		15	410		15	610		15	12		15
100	1	50	2100	3	50	4100	6	50	6100	9	50	8100	12	50
2		03	22		33	42		63	62		93	2		23
20		30	220	3	30	420	6	30	620	9	30	820	12	30
200	3	00	2200	33	00	4200	63	00	6200	93	00	8200	123	00
3		05	23		35	43		65	63		95	3		25
30		45	230	3	45	430	6	45	630	9	45	830	12	45
300	4	50	2300	34	50	4300	64	50	6300	94	50	8300	124	50
4		06	24		36	44		66	64		96	4		26
40		60	240	3	60	440	6	60	640	9	60	840	12	60
400	6	00	2400	36	00	4400	66	00	6400	96	00	8400	125	00
5		08	25		38	45		68	65		98	5		28
50		75	250	3	75	450	6	75	650	9	75	850	12	75
500	7	50	2500	37	50	4500	67	50	6500	97	50	8500	127	50
6		09	26		39	46		69	66		99	6		29
60		90	260	3	90	460	6	90	660	9	90	860	12	90
600	9	00	2600	39	00	4600	69	00	6600	99	00	8600	129	00
7		11	27		41	47		71	67		101	7		31
70	1	05	270	4	05	470	7	05	670	10	05	870	13	05
700	10	50	2700	40	50	4700	70	50	6700	100	50	8700	130	50
8		12	28		42	48		72	68		102	8		32
80	1	20	280	4	20	480	7	20	680	10	20	880	13	20
800	12	00	2800	42	00	4800	72	00	6800	102	00	8800	132	00
9		14	29		44	49		74	69		104	9		34
90	1	35	290	4	35	490	7	35	690	10	35	890	13	35
900	13	50	2900	43	50	4900	73	50	6900	103	50	8900	133	50
10		15	30		45	50		75	70		105	10		35
100	1	50	300	4	50	500	7	50	700	10	50	900	13	50
1000	15	00	3000	45	00	5000	75	00	7000	105	00	9000	135	00
11		17	31		47	51		77	71		107	11		37
110	1	65	310	4	65	510	7	65	710	10	65	910	13	65
1100	16	50	3100	46	50	5100	76	50	7100	106	50	9100	136	50
12		18	32		48	52		78	72		108	12		38
120	1	80	320	4	80	520	7	80	720	10	80	920	13	80
1200	18	00	3200	48	00	5200	78	00	7200	108	00	9200	138	00
13		20	33		50	53		80	73		110	13		40
130	1	95	330	4	95	530	7	95	730	10	95	930	13	95
1300	19	50	3300	49	50	5300	79	50	7300	109	50	9300	139	50
14		21	34		51	54		81	74		111	14		41
140	2	10	340	5	10	540	8	10	740	11	10	940	14	10
1400	21	00	3400	51	00	5400	81	00	7400	111	00	9400	141	00
15		23	35		53	55		83	75		113	15		43
150	2	25	350	5	25	550	8	25	750	11	25	950	14	25
1500	22	50	3500	52	50	5500	82	50	7500	112	50	9500	142	50
16		24	36		54	56		84	76		114	16		44
160	2	40	360	5	40	560	8	40	760	11	40	960	14	40
1600	24	00	3600	54	00	5600	84	00	7600	114	00	9600	144	00
17		26	37		56	57		86	77		116	17		46
170	2	55	370	5	55	570	8	55	770	11	55	970	14	55
1700	25	50	3700	55	50	5700	85	50	7700	115	50	9700	145	50
18		27	38		57	58		87	78		117	18		47
180	2	70	380	5	70	580	8	70	780	11	70	980	14	70
1800	27	00	3800	57	00	5800	87	00	7800	117	00	9800	147	00
19		29	39		59	59		89	79		119	19		49
190	2	85	390	5	85	590	8	85	790	11	85	990	14	85
1900	28	50	3900	58	50	5900	88	50	7900	118	50	9900	148	50
20		30	40		60	60		90	80		120	20		50
200	3	00	400	6	00	600	9	00	800	12	00	1000	15	00
2000	30	00	4000	60	00	6000	90	00	8000	120	00	10,000	150	00

POUNDS.

2000 POUNDS ONE TON.

\$31.00

\$1.55

\$31.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		02	21		33	41		64	61		95	81		26
10		16	210	3	26	410	6	36	610	9	46	810	12	56
100	1	55	2100	32	55	4100	63	55	6100	94	55	8100	125	55
2		03	22		34	42		65	62		96	82		27
20		31	220	3	41	420	6	51	620	9	61	820	12	71
200	3	10	2200	34	10	4200	65	10	6200	96	10	8200	127	10
3		05	23		36	43		67	63		98	83		29
30		47	230	3	57	430	6	67	630	9	77	830	12	87
300	4	65	2300	35	65	4300	66	65	6300	97	65	8300	128	65
4		06	24		37	44		68	64		99	84		30
40		62	240	3	72	440	6	82	640	9	92	840	13	02
400	6	20	2400	37	20	4400	68	20	6400	99	20	8400	130	20
5		08	25		39	45		70	65		1 00	85		32
50		78	250	3	88	450	6	98	650	10	08	850	13	18
500	7	75	2500	38	75	4500	69	75	6500	100	75	8500	131	75
6		09	26		40	46		71	66		1 02	86		33
60		93	260	4	03	460	7	13	660	10	23	860	13	32
600	9	30	2600	40	30	4600	71	30	6600	102	30	8600	133	30
7		11	27		42	47		73	67		1 04	87		35
70	1	09	270	4	19	470	7	29	670	10	39	870	13	49
700	10	85	2700	41	85	4700	72	85	6700	103	85	8700	134	85
8		12	28		43	48		74	68		1 05	88		36
80	1	24	280	4	34	480	7	44	680	10	54	880	13	64
800	12	40	2800	43	40	4800	74	40	6800	105	40	8800	136	40
9		14	29		45	49		76	69		1 07	89		38
90	1	40	290	4	50	490	7	60	690	10	70	890	13	80
900	13	95	2900	44	95	4900	75	95	6900	106	95	8900	137	95
10		16	30		47	50		78	70		1 09	90		40
100	1	55	300	4	65	500	7	75	700	10	85	900	13	95
1000	15	50	3000	46	50	5000	77	50	7000	108	50	9000	139	50
11		17	31		48	51		79	71		1 10	91		41
110	1	71	310	4	81	510	7	91	710	11	01	910	14	11
1100	17	05	3100	48	05	5100	79	05	7100	110	05	9100	141	05
12		19	32		50	52		81	72		1 12	92		43
120	1	86	320	4	96	520	8	06	720	11	16	920	14	26
1200	18	60	3200	49	60	5200	80	60	7200	111	60	9200	142	60
13		20	33		51	53		82	73		1 13	93		44
130	2	02	330	5	12	530	8	22	730	11	32	930	14	42
1300	20	15	3300	51	15	5300	82	15	7300	113	15	9300	144	15
14		22	34		53	54		84	74		1 14	94		46
140	2	17	340	5	27	540	8	37	740	11	37	940	14	57
1400	21	70	3400	52	70	5400	83	70	7400	114	70	9400	145	70
15		23	35		54	55		85	75		1 16	95		47
150	2	33	350	5	43	550	8	53	750	11	63	950	14	73
1500	23	25	3500	54	25	5500	85	25	7500	116	25	9500	147	25
16		25	36		56	56		87	76		1 18	96		49
160	2	48	360	5	58	560	8	68	760	11	78	960	14	88
1600	24	80	3600	55	80	5600	86	80	7600	117	80	9600	148	80
17		26	37		57	57		88	77		1 19	97		50
170	2	64	370	5	74	570	8	84	770	11	94	970	15	04
1700	25	35	3700	57	35	5700	88	35	7700	119	35	9700	150	35
18		28	38		59	58		90	78		1 21	98		52
180	2	79	380	5	89	580	8	99	780	12	09	980	15	19
1800	27	90	3800	58	90	5800	89	90	7800	120	90	9800	151	90
19		29	39		60	59		91	79		1 22	99		53
190	2	95	390	6	05	590	9	15	790	12	25	990	15	35
1900	29	45	3900	60	45	5900	91	45	7900	122	45	9900	153	45
20		31	40		62	60		93	80		1 24	100		55
200	3	10	400	6	20	600	9	30	800	12	40	1000	15	50
2000	31	00	4000	62	00	6000	93	00	8000	124	00	10,000	155	00

POUNDS.

2000 POUNDS ONE TON.

\$32.00			\$1.60			\$32.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		02	21		34	41		66	61		98	81	I	30
10		16	210	3	36	410	6	56	610	9	76	810	I	12 96
100	I	60	2100	33	60	4100	65	60	6100	97	60	8100	I	29 60
2		03	22		35	42		67	62		99	82	I	31
20		32	220	3	52	420	6	72	620	9	92	820	I	13 12
200	3	20	2200	35	20	4200	67	20	6200	99	20	8200	I	131 20
3		05	23		37	43		69	63	I	01	83	I	33
30		48	230	3	68	430	6	88	630	10	08	830	I	13 28
300	4	80	2300	36	80	4300	68	80	6300	100	80	8300	I	132 80
4		06	24		38	44		70	64	I	02	84	I	34
40		64	240	3	84	440	7	04	640	10	24	840	I	13 44
400	6	40	2400	38	40	4400	70	40	6400	102	40	8400	I	134 40
5		08	25		40	45		72	65	I	04	85	I	36
50		80	250	4	00	450	7	20	650	10	40	850	I	13 60
500	8	00	2500	40	00	4500	72	00	6500	104	00	8500	I	136 00
6		10	26		42	46		74	66	I	06	86	I	38
60		96	260	4	16	460	7	36	660	10	56	860	I	13 76
600	9	60	2600	41	60	4600	73	60	6600	105	60	8600	I	137 60
7		11	27		43	47		75	67	I	07	87	I	39
70	I	12	270	4	32	470	7	52	670	10	72	870	I	13 92
700	11	20	2700	43	20	4700	75	20	6700	107	20	8700	I	139 20
8		13	28		45	48		77	68	I	09	88	I	41
80	I	28	280	4	48	480	7	68	680	10	88	880	I	14 08
800	12	80	2800	44	80	4800	76	80	6800	108	80	8800	I	140 80
9		14	29		46	49		78	69	I	10	89	I	42
90	I	44	290	4	64	490	7	84	690	11	04	890	I	14 24
900	14	40	2900	46	40	4900	78	40	6900	110	40	8900	I	142 40
10		16	30		48	50		80	70	I	12	90	I	44
100	I	60	300	4	80	500	8	00	700	11	20	900	I	14 40
1000	16	00	3000	48	00	5000	80	00	7000	112	00	9000	I	144 00
11		18	31		50	51		82	71	I	14	91	I	46
110	I	76	310	4	96	510	8	16	710	11	36	910	I	14 56
1100	17	60	3100	49	60	5100	81	60	7100	113	60	9100	I	145 60
12		19	32		51	52		83	72	I	15	92	I	47
120	I	92	320	5	12	520	8	32	720	11	52	920	I	14 72
1200	19	20	3200	51	20	5200	83	20	7200	115	20	9200	I	147 20
13		21	33		52	53		85	73	I	17	93	I	49
130	2	08	330	5	28	530	8	48	730	11	68	930	I	14 88
1300	20	80	3300	52	80	5300	84	80	7300	116	80	9300	I	148 80
14		22	34		54	54		86	74	I	18	94	I	50
140	2	24	340	5	44	540	8	64	740	11	84	940	I	15 04
1400	22	40	3400	54	40	5400	86	40	7400	118	40	9400	I	150 40
15		24	35		56	55		88	75	I	20	95	I	52
150	2	40	350	5	60	550	8	80	750	12	00	950	I	15 20
1500	24	00	3500	56	00	5500	88	00	7500	120	00	9500	I	152 00
16		26	36		58	56		90	76	I	22	96	I	54
160	2	56	360	5	76	560	8	96	760	12	16	960	I	15 36
1600	25	60	3600	57	60	5600	89	60	7600	121	60	9600	I	153 60
17		27	37		59	57		91	77	I	23	97	I	55
170	2	72	370	5	92	570	9	12	770	12	32	970	I	15 52
1700	27	20	3700	59	20	5700	91	20	7700	123	20	9700	I	155 20
18		29	38		61	58		93	78	I	25	98	I	57
180	2	88	380	6	08	580	9	28	780	12	48	980	I	15 68
1800	28	80	3800	60	80	5800	92	80	7800	124	80	9800	I	156 80
19		30	39		62	59		94	79	I	26	99	I	58
190	3	04	390	6	24	590	9	44	790	12	64	990	I	15 84
1900	30	40	3900	62	40	5900	94	40	7900	126	40	9900	I	158 40
20		32	40		64	60		96	80	I	28	100	I	60
200	3	20	400	6	40	600	9	60	800	12	80	1000	I	16 00
2000	32	00	4000	64	00	6000	96	00	8000	128	00	10,000	I	160 00

2000 POUNDS ONE TON.

411

POUNDS.

2000 POUNDS ONE TON.

\$34.00			\$1.70			\$34.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		02	21		36	41		70	61	I	04	81	I	38
10		17	210	3	57	410	6	97	610	10	37	810	13	77
100	I	70	2100	35	70	4100	69	70	6100	103	70	8100	137	70
2		03	22		37	42		71	62	I	05	82	I	39
20		34	220	3	74	420	7	14	620	10	54	820	13	94
200	3	40	2200	37	40	4200	71	40	6200	105	40	8200	139	40
3		05	23		39	43		73	63	I	07	83	I	41
30		51	230	3	91	430	7	31	630	10	71	830	14	11
300	5	10	2300	39	10	4300	73	10	6300	107	10	8300	141	10
4		07	24		41	44		75	64	I	09	84	I	43
40		68	240	4	08	440	7	48	640	10	88	840	14	28
400	6	80	2400	40	80	4400	74	80	6400	108	80	8400	142	80
5		09	25		43	45		77	65	I	11	85	I	45
50		85	250	4	25	450	7	65	650	11	05	850	14	45
500	8	50	2500	42	50	4500	76	50	6500	110	50	8500	144	50
6		10	26		44	46		78	66	I	12	86	I	46
60	I	02	260	4	42	460	7	82	660	11	22	860	14	61
600	10	20	2600	44	20	4600	78	20	6600	112	20	8600	146	20
7		12	27		46	47		80	67	I	12	87	I	48
70	I	19	270	4	59	470	7	99	670	11	39	870	14	79
700	11	90	2700	45	90	4700	79	90	6700	113	90	8700	147	90
8		14	28		48	48		81	68	I	16	88	I	50
80	I	36	280	4	76	480	8	16	680	11	56	880	14	96
800	13	60	2800	47	60	4800	81	60	6800	115	60	8800	149	60
9		15	29		49	49		83	69	I	17	89	I	51
90	I	53	290	4	93	490	8	33	690	11	73	890	15	13
900	15	30	2900	49	30	4900	83	30	6900	117	30	8900	151	30
10		17	30		51	50		85	70	I	19	90	I	53
100	I	70	300	5	10	500	8	50	700	11	90	900	15	30
1000	17	00	3000	51	00	5000	85	00	7000	119	00	9000	153	00
11		19	31		53	51		87	71	I	21	91	I	55
110	I	87	310	5	27	510	8	67	710	12	07	910	15	47
1100	18	70	3100	52	70	5100	86	70	7100	120	70	9100	154	70
12		20	32		54	52		88	72	I	22	92	I	56
120	2	04	320	5	44	520	8	84	720	12	24	920	15	64
1200	20	40	3200	54	40	5200	88	40	7200	122	40	9200	156	40
13		22	33		56	53		90	73	I	24	93	I	58
130	2	21	330	5	61	530	9	01	730	12	41	930	15	81
1300	22	10	3300	56	10	5300	90	10	7300	124	10	9300	158	10
14		24	34		58	54		92	74	I	25	94	I	60
140	2	38	340	5	78	540	9	18	740	12	58	940	15	98
1400	23	80	3400	57	80	5400	91	80	7400	125	80	9400	159	80
15		26	35		60	55		94	75	I	28	95	I	62
150	2	55	350	5	95	550	9	35	750	12	75	950	16	15
1500	25	50	3500	59	50	5500	93	50	7500	127	50	9500	161	50
16		27	36		61	56		95	76	I	29	96	I	63
160	2	72	360	6	12	560	9	52	760	12	92	960	16	32
1600	27	20	3600	61	20	5600	95	20	7600	129	20	9600	163	20
17		29	37		63	57		97	77	I	31	97	I	65
170	2	89	370	6	29	570	9	69	770	13	09	970	16	49
1700	28	90	3700	62	90	5700	96	90	7700	130	90	9700	164	90
18		31	38		65	58		99	78	I	33	98	I	67
180	3	06	380	6	46	580	9	86	780	13	26	980	16	66
1800	30	60	3800	64	60	5800	98	60	7800	132	60	9800	166	60
19		32	39		66	59		100	79	I	34	99	I	68
190	3	23	390	6	63	590	10	03	790	13	43	990	16	83
1900	32	30	3900	66	30	5900	100	30	7900	134	30	9900	168	30
20		34	40		68	60		102	80	I	36	100	I	70
200	3	40	400	6	80	600	10	20	800	13	60	1000	17	00
2000	34	00	4000	68	00	6000	102	00	8000	136	00	10,000	170	00

2000 POUNDS ONE TON.

\$35.00			\$1.75			\$35.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		02	21		37	41		72	61	I	08	81		42
10		18	210	3	68	410	7	18	610	10	68	810	14	18
100	I	75	2100	36	75	4100	71	75	6100	106	75	8100	141	75
2		04	22		39	42		74	62	I	09	82	I	44
20		35	220	3	85	420	7	35	620	10	85	820	14	35
200	3	50	2200	38	50	4200	73	50	6200	108	50	8200	143	50
3		05	23		40	43		75	63	I	10	83	I	45
30		53	230	4	03	430	7	53	630	11	03	830	14	53
300	5	25	2300	40	25	4300	75	25	6300	110	25	8300	145	25
4		07	24		42	44		77	64	I	12	84	I	47
40		70	240	4	20	440	7	70	640	11	20	840	14	70
400	7	00	2400	42	00	4400	77	00	6400	112	00	8400	147	00
5		09	25		44	45		79	65	I	14	85	I	49
50		88	250	4	38	450	7	88	650	11	38	850	14	88
500	8	75	2500	43	75	4500	78	75	6500	113	75	8500	148	75
6		11	26		46	46		81	66	I	16	86	I	50
60	I	05	260	4	55	460	8	05	660	11	55	860	15	04
600	10	50	2600	45	50	4600	80	50	6600	115	50	8600	150	50
7		12	27		47	47		82	67	I	17	87	I	52
70	I	23	270	4	73	470	8	23	670	11	73	870	15	23
700	12	25	2700	47	25	4700	82	25	6700	117	25	8700	152	25
8		14	28		49	48		84	68	I	19	88	I	54
80	I	40	280	4	90	480	8	40	680	11	90	880	15	40
800	14	00	2800	49	00	4800	84	00	6800	119	00	8800	154	00
9		16	29		51	49		86	69	I	21	89	I	56
90	I	58	290	5	08	490	8	58	690	12	08	890	15	58
900	15	75	2900	50	75	4900	85	75	6900	120	75	8900	155	75
10		18	30		53	50		88	70	I	23	90	I	58
100	I	75	300	5	25	500	8	75	700	12	25	900	15	75
1000	17	50	3000	52	50	5000	87	50	7000	122	50	9000	157	50
11		19	31		54	51		89	71	I	24	91	I	59
110	I	93	310	5	43	510	8	93	710	12	43	910	15	93
1100	19	25	3100	54	25	5100	89	25	7100	124	25	9100	159	25
12		21	32		56	52		91	72	I	26	92	I	61
120	2	10	320	5	60	520	9	10	720	12	60	920	16	10
1200	21	00	3200	56	00	5200	91	00	7200	126	00	9200	161	00
13		23	33		58	53		93	73	I	28	93	I	63
130	2	28	330	5	78	530	9	28	730	12	78	930	16	28
1300	22	75	3300	57	75	5300	92	75	7300	127	75	9300	162	75
14		25	34		60	54		95	74	I	29	94	I	65
140	2	45	340	5	95	540	9	45	740	12	95	940	16	45
1400	24	50	3400	59	50	5400	94	50	7400	129	50	9400	164	50
15		26	35		61	55		96	75	I	31	95	I	66
150	2	63	350	6	13	550	9	63	750	13	13	950	16	63
1500	26	25	3500	61	25	5500	96	25	7500	131	25	9500	166	25
16		28	36		63	56		98	76	I	33	96	I	68
160	2	80	360	6	30	560	9	80	760	13	30	960	16	80
1600	28	00	3600	63	00	5600	98	00	7600	133	00	9600	168	00
17		30	37		65	57		1	77	I	35	97	I	70
170	2	98	370	6	48	570	9	98	770	13	48	970	16	98
1700	29	75	3700	64	75	5700	99	75	7700	134	75	9700	169	75
18		32	38		67	58		1	78	I	37	98	I	72
180	3	15	380	6	65	580	10	15	780	13	65	980	17	15
1800	31	50	3800	66	50	5800	101	50	7800	136	50	9800	171	50
19		33	39		68	59		1	79	I	38	99	I	73
190	3	33	390	6	83	590	10	33	790	13	83	990	17	33
1900	33	25	3900	68	25	5900	103	25	7900	138	25	9900	173	25
20		35	40		70	60		1	80	I	40	100	I	75
200	3	50	400	7	00	600	10	50	800	14	00	1000	17	50
2000	35	00	4000	70	00	6000	105	00	8000	140	00	10,000	175	00

POUNDS.

2000 POUNDS ONE TON.

\$36.00			\$1.80			\$36.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		02	21		38	41		74	61	I	10	81	I	46
10		18	210	3	78	410	7	38	610	10	98	810	14	58
100	1	80	2100	37	80	4100	73	80	6100	109	80	8100	145	80
2		04	22		40	42		76	62	I	12	82	I	48
20		36	220	3	96	420	7	56	620	11	16	820	14	76
200	3	60	2200	39	60	4200	75	60	6200	111	60	8200	147	60
3		05	23		41	43		77	63	I	13	83	I	49
30		54	230	4	14	430	7	74	630	11	34	830	14	94
300	5	40	2300	41	40	4300	77	40	6300	113	40	8300	149	40
4		07	24		43	44		79	64	I	15	84	I	51
40		72	240	4	32	440	7	92	640	11	52	840	15	12
400	7	20	2400	43	20	4400	79	20	6400	115	20	8400	151	20
5		09	25		45	45		81	65	I	17	85	I	53
50		90	250	4	50	450	8	10	650	11	70	850	15	30
500	9	00	2500	45	00	4500	81	00	6500	117	00	8500	153	00
6		11	26		47	46		83	66	I	19	86	I	55
60	I	08	260	4	63	460	8	28	660	11	88	860	15	48
600	10	80	2600	46	80	4600	82	80	6600	118	80	8600	154	80
7		13	27		49	47		85	67	I	21	87	I	57
70	I	26	270	4	86	470	8	46	670	12	06	870	15	66
700	12	60	2700	48	60	4700	84	60	6700	120	60	8700	156	60
8		14	28		50	48		86	68	I	22	88	I	58
80	I	44	280	5	04	480	8	64	680	12	24	880	15	84
800	14	40	2800	50	40	4800	86	40	6800	122	40	8800	158	40
9		16	29		52	49		88	69	I	24	89	I	60
90	I	62	290	5	22	490	8	82	690	12	42	890	16	02
900	16	20	2900	52	20	4900	88	20	6900	124	20	8900	160	20
10		18	30		54	50		90	70	I	26	90	I	62
100	I	80	300	5	40	500	9	00	700	12	60	900	16	20
1000	18	00	3000	54	00	5000	90	00	7000	126	00	9000	162	00
11		20	31		56	51		92	71	I	28	91	I	64
110	I	98	310	5	58	510	9	18	710	12	78	910	16	38
1100	19	80	3100	55	80	5100	91	80	7100	127	80	9100	163	80
12		22	32		58	52		94	72	I	30	92	I	66
120	2	16	320	5	76	520	9	36	720	12	96	920	16	56
1200	21	60	3200	57	60	5200	93	60	7200	129	60	9200	165	60
13		23	33		59	53		95	73	I	31	93	I	67
130	2	34	330	5	94	530	9	54	730	13	14	930	16	74
1300	23	40	3300	59	40	5300	95	40	7300	131	40	9300	167	40
14		25	34		61	54		97	74	I	33	94	I	69
140	2	52	340	6	12	540	9	72	740	13	32	940	16	92
1400	25	20	3400	61	20	5400	97	20	7400	133	20	9400	169	20
15		27	35		63	55		99	75	I	35	95	I	71
150	2	70	350	6	30	550	9	90	750	13	50	950	17	10
1500	27	00	3500	63	00	5500	99	00	7500	135	00	9500	171	00
16		29	36		65	56		1	76	I	37	96	I	73
160	2	88	360	6	48	560	10	08	760	13	68	960	17	28
1600	28	80	3600	64	80	5600	100	80	7600	136	80	9600	172	80
17		31	37		67	57		1	77	I	39	97	I	75
170	3	06	370	6	66	570	10	26	770	13	86	970	17	46
1700	30	60	3700	66	60	5700	102	60	7700	138	60	9700	174	60
18		32	38		68	58		1	78	I	40	98	I	76
180	3	24	380	6	84	580	10	44	780	14	04	980	17	64
1800	32	40	3800	68	40	5800	104	40	7800	140	40	9800	176	40
19		34	39		70	59		1	79	I	42	99	I	78
190	3	42	390	7	02	590	10	62	790	14	22	990	17	82
1900	34	20	3900	70	20	5900	106	20	7900	142	20	9900	178	20
20		36	40		72	60		1	80	I	44	100	I	80
200	3	60	400	7	20	600	10	08	800	14	40	1000	18	00
2000	36	00	4000	72	00	6000	108	00	8000	144	00	10,000	180	00

POUNDS.

2000 POUNDS ONE TON.

\$37.00			\$1.85			\$37.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		02	21		39	41		76
10		19	210	3	89	410	7	59
100	1	85	2100	38	85	4100	75	85
2		04	22		41	42		78
20		37	220	4	07	420	7	77
200	3	70	2200	40	70	4200	77	70
3		06	23		43	43		80
30		56	230	4	26	430	7	96
300	5	55	2300	42	55	4300	79	55
4		07	24		44	44		81
40		74	240	4	44	440	8	14
400	7	40	2400	44	40	4400	81	40
5		09	25		46	45		83
50		93	250	4	63	450	8	33
500	9	25	2500	46	25	4500	83	25
6		11	26		48	46		85
60	1	11	260	4	81	460	8	51
600	11	10	2600	48	10	4600	85	10
7		13	27		50	47		87
70	1	30	270	5	00	470	8	70
700	12	95	2700	49	95	4700	86	95
8		15	28		52	48		89
80	1	48	280	5	18	480	8	88
800	14	80	2800	51	80	4800	88	80
9		17	29		54	49		91
90	1	67	290	5	37	490	9	07
900	16	65	2900	53	65	4900	90	65
10		19	30		56	50		93
100	1	85	300	5	55	500	9	25
1000	18	50	3000	55	50	5000	92	50
11		20	31		57	51		94
110	2	04	310	5	74	510	9	44
1100	20	35	3100	57	35	5100	94	35
12		22	32		59	52		96
120	2	22	320	5	92	520	9	62
1200	22	20	3200	59	20	5200	96	20
13		24	33		61	53		98
130	2	41	330	6	11	530	9	81
1300	24	05	3300	61	05	5300	98	05
14		26	34		63	54		1 00
140	2	59	340	6	29	540	9	99
1400	25	90	3400	62	90	5400	99	90
15		28	35		65	55		1 02
150	2	78	350	6	48	550	10	18
1500	27	75	3500	64	75	5500	101	75
16		30	36		67	56		1 04
160	2	96	360	6	66	560	10	36
1600	29	60	3600	66	60	5600	103	60
17		31	37		68	57		1 05
170	3	15	370	6	85	570	10	55
1700	31	45	3700	68	45	5700	105	45
18		33	38		70	58		1 07
180	3	33	380	7	03	580	10	73
1800	33	30	3800	70	30	5800	107	30
19		35	39		72	59		1 09
190	3	52	390	7	22	590	10	92
1900	35	15	3900	72	15	5900	109	15
20		37	40		74	60		1 11
200	3	70	400	7	40	600	11	10
2000	37	00	4000	74	00	6000	111	00
61	1	13	81	1		61	1	13
610	11	29	810	14		610	11	29
6100	112	85	8100	149		6100	112	85
62	1	15	82	1		62	1	15
620	11	47	820	15		620	11	47
6200	114	70	8200	151		6200	114	70
63	1	17	83	1		63	1	17
630	11	66	830	15		630	11	66
6300	116	55	8300	153		6300	116	55
64	1	18	84	1		64	1	18
640	11	84	840	15		640	11	84
6400	118	40	8400	155		6400	118	40
65	1	20	85	1		65	1	20
650	12	03	850	15		650	12	03
6500	120	25	8500	157		6500	120	25
66	1	22	86	1		66	1	22
660	12	21	860	15		660	12	21
6600	122	10	8600	159		6600	122	10
67	1	24	87	1		67	1	24
670	12	40	870	16		670	12	40
6700	123	95	8700	160		6700	123	95
68	1	26	88	1		68	1	26
680	12	58	880	16		680	12	58
6800	125	80	8800	162		6800	125	80
69	1	28	89	1		69	1	28
690	12	77	890	16		690	12	77
6900	127	65	8900	164		6900	127	65
70	1	30	90	1		70	1	30
700	12	95	900	16		700	12	95
7000	129	50	9000	166		7000	129	50
71	1	31	91	1		71	1	31
710	13	14	910	16		710	13	14
7100	131	35	9100	168		7100	131	35
72	1	33	92	1		72	1	33
720	13	32	920	17		720	13	32
7200	133	20	9200	170		7200	133	20
73	1	35	93	1		73	1	35
730	13	51	930	17		730	13	51
7300	135	05	9300	172		7300	135	05
74	1	37	94	1		74	1	37
740	13	69	940	17		740	13	69
7400	136	90	9400	173		7400	136	90
75	1	39	95	1		75	1	39
750	13	88	950	17		750	13	88
7500	138	75	9500	175		7500	138	75
76	1	41	96	1		76	1	41
760	14	05	960	17		760	14	05
7600	140	60	9600	177		7600	140	60
77	1	42	97	1		77	1	42
770	14	25	970	17		770	14	25
7700	142	45	9700	179		7700	142	45
78	1	44	98	1		78	1	44
780	14	43	980	18		780	14	43
7800	144	30	9800	181		7800	144	30
79	1	46	99	1		79	1	46
790	14	62	990	18		790	14	62
7900	146	15	9900	183		7900	146	15
80	1	48	100	1		80	1	48
800	14	80	1000	18		800	14	80
8000	148	00	10.000	185		8000	148	00

2000 POUNDS ONE TON.

416

POUNDS.

2000 POUNDS ONE TON.

\$39.00			\$1.95			\$39.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		02	21		41	61	I	19
10		20	210	4	10	610	11	90
100	I	95	2100	40	95	6100	118	95
2		04	22		43	62	I	21
20		39	220	4	29	620	I2	09
200	3	90	2200	42	90	6200	120	90
3		06	23		45	63	I	23
30		59	230	4	49	630	I2	29
300	5	85	2300	44	85	6300	122	85
4		08	24		47	64	I	25
40		78	240	4	68	640	I2	48
400	7	80	2400	46	80	6400	124	80
5		10	25		49	65	I	27
50		98	250	4	88	650	I2	63
500	9	75	2500	48	75	6500	126	75
6		12	26		51	66	I	29
60	I	17	260	5	07	660	I2	87
600	11	70	2600	50	70	6600	128	70
7		14	27		53	67	I	31
70	I	37	270	5	27	670	I3	07
700	13	65	2700	52	65	6700	130	65
8		16	28		55	68	I	33
80	I	55	280	5	46	680	I3	26
800	15	60	2800	54	60	6800	132	60
9		18	29		57	69	I	35
90	I	76	290	5	66	690	I3	46
900	17	55	2900	56	55	6900	134	55
10		20	30		59	70	I	37
100	I	95	300	5	85	700	I3	65
1000	19	50	3000	58	50	7000	136	50
11		21	31		60	71	I	38
110	2	15	310	6	05	710	I3	85
1100	21	45	3100	60	45	7100	138	45
12		23	32		62	72	I	40
120	2	34	320	6	24	720	I4	04
1200	23	40	3200	62	40	7200	140	40
13		25	33		64	73	I	42
130	2	54	330	6	44	730	I4	24
1300	25	35	3300	64	35	7300	142	35
14		27	34		66	74	I	44
140	2	73	340	6	63	740	I4	43
1400	27	30	3400	66	30	7400	144	30
15		29	35		68	75	I	46
150	2	93	350	6	83	750	I4	63
1500	29	25	3500	68	25	7500	146	25
16		31	36		70	76	I	48
160	3	12	360	7	02	760	I4	82
1600	31	20	3600	70	20	7600	148	20
17		33	37		72	77	I	50
170	3	32	370	7	22	770	I5	02
1700	33	15	3700	72	15	7700	150	15
18		35	38		74	78	I	52
180	3	51	380	7	41	780	I5	21
1800	35	10	3800	74	10	7800	152	10
19		37	39		76	79	I	54
190	3	71	390	7	61	790	I5	41
1900	37	05	3900	76	05	7900	154	05
20		39	40		78	80	I	56
200	3	90	400	7	80	800	I5	60
2000	39	00	4000	78	00	8000	156	00

POUNDS.

2000 POUNDS ONE TON.

\$40.00						\$2.00						\$40.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		02	21		42	41		82	61	I	22	81	I	62
10		23	210	4	20	410	8	20	610	I2	20	810	I6	20
100	2	00	2100	42	00	4100	82	00	6100	I22	00	8100	I62	00
2		04	22		44	42		84	62	I	24	82	I	64
20		40	220	4	40	420	8	40	620	I2	40	820	I6	40
200	4	00	2200	44	00	4200	84	00	6200	I24	00	8200	I64	00
3		06	23		46	43		86	63	I	26	83	I	66
30		60	230	4	60	430	8	60	630	I2	60	830	I6	60
300	6	00	2300	46	00	4300	86	00	6300	I26	00	8300	I66	00
4		08	24		48	44		88	64	I	28	84	I	68
40		80	240	4	80	440	8	80	640	I2	80	840	I6	80
400	8	00	2400	48	00	4400	88	00	6400	I28	00	8400	I68	00
5		10	25		50	45		90	65	I	30	85	I	70
50	I	00	250	5	00	450	9	00	650	I3	00	850	I7	00
500	I0	00	2500	50	00	4500	90	00	6500	I30	00	8500	I70	00
6		12	26		52	46		92	66	I	32	86	I	72
60	I	20	260	5	20	460	9	20	660	I3	20	860	I7	20
600	I2	00	2600	52	00	4600	92	00	6600	I32	00	8600	I72	00
7		14	27		54	47		94	67	I	34	87	I	74
70	I	40	270	5	40	470	9	40	670	I3	40	870	I7	40
700	I4	00	2700	54	00	4700	94	00	6700	I34	00	8700	I74	00
8		16	28		56	48		96	68	I	36	88	I	76
80	I	60	280	5	60	480	9	60	680	I3	60	880	I7	60
800	I6	00	2800	56	00	4800	96	00	6800	I36	00	8800	I76	00
9		18	29		58	49		98	69	I	38	89	I	78
90	I	80	290	5	80	490	9	80	690	I3	80	890	I7	80
900	I8	00	2900	58	00	4900	98	00	6900	I38	00	8900	I78	00
10		20	30		60	50		I 00	70	I	40	90	I	80
100	2	00	300	6	00	500	I0	00	700	I4	00	900	I8	00
1000	20	00	3000	60	00	5000	I00	00	7000	I40	00	9000	I80	00
11		22	31		62	51		I 02	71	I	42	91	I	82
110	2	20	310	6	20	510	I0	20	710	I4	20	910	I8	20
1100	22	00	3100	62	00	5100	I02	00	7100	I42	00	9100	I82	00
12		24	32		64	52		I 04	72	I	44	92	I	84
120	2	40	320	6	40	520	I0	40	720	I4	40	920	I8	40
1200	24	00	3200	64	00	5200	I04	00	7200	I44	00	9200	I84	00
13		26	33		66	53		I 06	73	I	46	93	I	86
130	2	60	330	6	60	530	I0	60	730	I4	60	930	I8	60
1300	26	00	3300	66	00	5300	I06	00	7300	I46	00	9300	I86	00
14		28	34		68	54		I 08	74	I	48	94	I	88
140	2	80	340	6	80	540	I0	80	740	I4	80	940	I8	80
1400	28	00	3400	68	00	5400	I08	00	7400	I48	00	9400	I88	00
15		30	35		70	55		I 10	75	I	50	95	I	90
150	3	00	350	7	00	550	I1	00	750	I5	00	950	I9	00
1500	30	00	3500	70	00	5500	I10	00	7500	I50	00	9500	I90	00
16		32	36		72	56		I 12	76	I	52	96	I	92
160	3	20	360	7	20	560	I1	20	760	I5	20	960	I9	20
1600	32	00	3600	72	00	5600	I12	00	7600	I52	00	9600	I92	00
17		34	37		74	57		I 14	77	I	54	97	I	94
170	3	40	370	7	40	570	I1	40	770	I5	40	970	I9	40
1700	34	00	3700	74	00	5700	I14	00	7700	I54	00	9700	I94	00
18		36	38		76	58		I 16	78	I	56	98	I	96
180	3	60	380	7	60	580	I1	60	780	I5	60	980	I9	60
1800	36	00	3800	76	00	5800	I16	00	7800	I56	00	9800	I96	00
19		38	39		78	59		I 18	79	I	58	99	I	98
190	3	80	390	7	80	590	I1	80	790	I5	80	990	I9	80
1900	38	00	3900	78	00	5900	I18	00	7900	I58	00	9900	I98	00
20		40	40		80	60		I 20	80	I	60	100	2	00
200	4	00	400	8	00	600	I2	00	800	I6	00	1000	20	00
2000	40	00	4000	80	00	6000	I20	00	8000	I60	00	10.000	200	00

POUNDS.

2000 POUNDS ONE TON.

\$41.00

\$2.05

\$41.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		02	21		43	41		84	61		25	81		66
10		21	210	4	31	410	8	41	610	12	51	810	16	61
100	2	05	2100	43	05	4100	84	05	6100	125	05	8100	166	05
2		04	22		45	42		86	62		27	82		68
20		41	220	4	51	420	8	61	620	12	71	820	16	81
200	4	10	2200	45	10	4200	86	10	6200	127	10	8200	168	10
3		06	23		47	43		88	63		29	83		70
30		62	230	4	72	430	8	82	630	12	92	830	17	04
300	6	15	2300	47	15	4300	88	15	6300	129	15	8300	170	15
4		08	24		49	44		90	64		31	84		72
40		82	240	4	92	440	9	02	640	13	12	840	17	22
400	8	20	2400	49	20	4400	90	20	6400	131	20	8400	172	20
5		10	25		51	45		92	65		33	85		74
50		03	250	5	13	450	9	23	650	13	33	850	17	43
500	10	25	2500	51	25	4500	92	25	6500	133	25	8500	174	25
6		12	26		53	46		94	66		35	86		76
60		23	260	5	33	460	9	43	660	13	53	860	17	63
600	12	30	2600	53	30	4600	94	30	6600	135	30	8600	176	30
7		14	27		55	47		96	67		37	87		78
70		44	270	5	54	470	9	64	670	13	74	870	17	84
700	14	35	2700	55	35	4700	96	35	6700	137	35	8700	178	35
8		16	28		57	48		98	68		39	88		80
80		64	280	5	74	480	9	84	680	13	94	880	18	04
800	16	40	2800	57	40	4800	98	40	6800	139	40	8800	180	40
9		18	29		59	49		100	69		41	89		82
90		85	290	5	95	490	10	05	690	14	15	890	18	25
900	18	45	2900	59	45	4900	100	45	6900	141	45	8900	182	45
10		21	30		62	50		103	70		44	90		85
100		05	300	6	15	500	10	25	700	14	35	900	18	45
1000	20	50	3000	61	50	5000	102	50	7000	143	50	9000	184	50
11		23	31		64	51		105	71		46	91		87
110		26	310	6	36	510	10	46	710	14	56	910	18	66
1100	22	55	3100	63	55	5100	104	55	7100	145	55	9100	186	55
12		25	32		66	52		107	72		48	92		87
120		46	320	6	56	520	10	66	720	14	76	920	18	86
1200	24	60	3200	65	60	5200	106	60	7200	147	60	9200	188	60
13		27	33		68	53		109	73		50	93		91
130		68	330	6	77	530	10	87	730	14	97	930	19	07
1300	26	65	3300	67	65	5300	108	65	7300	149	65	9300	190	65
14		29	34		70	54		111	74		52	94		93
140		87	340	6	97	540	11	07	740	15	17	940	19	27
1400	28	70	3400	69	70	5400	110	70	7400	151	70	9400	192	70
15		31	35		72	55		113	75		54	95		95
150		08	350	7	18	550	11	28	750	15	38	950	19	48
1500	30	75	3500	71	75	5500	112	75	7500	153	75	9500	194	75
16		33	36		74	56		115	76		56	96		97
160		28	360	7	38	560	11	48	760	15	58	960	19	68
1600	32	80	3600	73	80	5600	114	80	7600	155	80	9600	196	80
17		35	37		76	57		117	77		58	97		99
170		49	370	7	59	570	11	69	770	15	79	970	19	89
1700	34	85	3700	75	85	5700	116	85	7700	157	85	9700	198	85
18		37	38		78	58		119	78		60	98		01
180		69	380	7	79	580	11	89	780	15	99	980	20	09
1800	36	90	3800	77	90	5800	118	90	7800	159	90	9800	200	90
19		39	39		80	59		121	79		62	99		03
190		90	390	8	00	590	12	10	790	16	20	990	20	30
1900	38	95	3900	79	95	5900	120	95	7900	161	95	9900	202	95
20		41	40		82	60		123	80		64	100		05
200		10	400	8	20	600	12	30	800	16	40	1000	20	50
2000	41	00	4000	82	00	6000	123	00	8000	164	00	10,000	205	00

POUNDS.

2000 POUNDS ONE TON.

\$42.00			\$210			\$42.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		02	21		44	41		86	61	I	28	81	I	70
10		21	210	4	41	410	8	61	610	I2	31	810	I7	01
100	2	10	2100	44	10	4100	86	10	6100	I28	10	8100	I70	10
2		04	22		46	42		88	62	I	30	82	I	72
20		42	220	4	62	420	8	82	620	I3	02	820	I7	22
200	4	20	2200	46	20	4200	88	20	6200	I30	20	8200	I72	20
3		06	23		48	43		90	63	I	32	83	I	74
30		63	230	4	83	430	9	03	630	I3	23	830	I7	43
300	6	30	2300	48	30	4300	90	30	6300	I32	30	8300	I74	30
4		08	24		50	44		92	64	I	34	84	I	76
40		84	240	5	04	440	9	24	640	I3	44	840	I7	64
400	8	40	2400	50	40	4400	92	40	6400	I34	40	8400	I76	40
5		11	25		53	45		95	65	I	37	85	I	79
50	I	05	250	5	25	450	9	45	650	I3	65	850	I7	85
500	10	50	2500	52	50	4500	94	50	6500	I36	50	8500	I78	50
6		13	26		55	46		97	66	I	39	86	I	81
60	I	26	260	5	46	460	9	66	660	I3	86	860	I8	06
600	12	60	2600	54	60	4600	96	60	6600	I38	60	8600	I80	60
7		15	27		57	47		99	67	I	41	87	I	83
70	I	47	270	5	67	470	9	87	670	I4	07	870	I8	27
700	14	70	2700	56	70	4700	98	70	6700	I40	70	8700	I82	70
8		17	28		59	48		101	68	I	43	88	I	85
80	I	68	280	5	88	480	10	08	680	I4	28	880	I8	48
800	16	80	2800	58	80	4800	100	80	6800	I42	80	8800	I84	80
9		19	29		61	49		103	69	I	45	89	I	87
90	I	89	290	6	09	490	10	29	690	I4	49	890	I8	69
900	18	90	2900	60	90	4900	102	90	6900	I44	90	8900	I86	90
10		21	30		63	50		105	70	I	47	90	I	89
100	2	10	300	6	30	500	10	50	700	I4	70	900	I8	90
1000	21	00	3000	63	00	5000	105	00	7000	I47	00	9000	I89	00
11		23	31		65	51		107	71	I	49	91	I	91
110	2	31	310	6	51	510	10	71	710	I4	91	910	I9	11
1100	23	10	3100	65	10	5100	107	10	7100	I49	10	9100	I91	10
12		25	32		67	52		109	72	I	51	92	I	93
120	2	52	320	6	72	520	10	92	720	I5	12	920	I9	32
1200	25	20	3200	67	20	5200	109	20	7200	I51	20	9200	I93	20
13		27	33		69	53		111	73	I	53	93	I	95
130	2	73	330	6	93	530	11	13	730	I5	33	930	I9	53
1300	27	30	3300	69	30	5300	111	30	7300	I53	30	9300	I95	30
14		29	34		71	54		113	74	I	55	94	I	97
140	2	94	340	7	14	540	11	34	740	I5	54	940	I9	74
1400	29	40	3400	71	40	5400	113	40	7400	I55	40	9400	I97	40
15		32	35		74	55		115	75	I	58	95	2	00
150	3	15	350	7	35	550	11	55	750	I5	75	950	I9	95
1500	31	50	3500	73	50	5500	115	50	7500	I57	50	9500	I99	50
16		34	36		76	56		117	76	I	60	96	2	02
160	3	36	360	7	56	560	11	76	760	I5	96	960	20	16
1600	33	60	3600	75	60	5600	117	60	7600	I59	60	9600	201	60
17		36	37		78	57		120	77	I	62	97	2	04
170	3	57	370	7	77	570	11	97	770	I6	17	970	20	37
1700	35	70	3700	77	70	5700	119	70	7700	I61	70	9700	203	70
18		38	38		80	58		122	78	I	64	98	2	06
180	3	78	380	7	98	580	12	18	780	I6	38	980	20	58
1800	37	80	3800	79	80	5800	121	80	7800	I63	80	9800	205	80
19		40	39		82	59		124	79	I	66	99	2	08
190	3	99	390	8	19	590	12	39	790	I6	59	990	20	79
1900	39	90	3900	81	90	5900	123	90	7900	I65	90	9900	207	90
20		42	40		84	60		126	80	I	68	100	2	10
200	4	20	400	8	40	600	12	60	800	I6	80	1000	21	00
2000	42	00	4000	84	00	6000	126	00	8000	I68	00	10,000	210	00

POUNDS.

2000 POUNDS ONE TON.

\$43.00

\$2.15

\$43.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		02	21		45	41		88	61	I	31	81	I	74
10		22	210	4	52	410	8	82	610	I3	12	810	I7	42
100	2	15	2100	45	15	4100	88	15	6100	I3I	15	8100	I74	15
2		04	22		47	42		90	62	I	33	82	I	76
20		43	220	4	73	420	9	03	620	I3	33	820	I7	63
200	4	30	2200	47	30	4200	90	30	6200	I33	30	8200	I76	30
3		06	23		49	43		92	63	I	35	83	I	78
30		65	230	4	95	430	9	25	630	I3	55	830	I7	85
300	6	45	2300	49	45	4300	92	45	6300	I35	45	8300	I78	45
4		09	24		52	44		95	64	I	38	84	I	81
40		86	240	5	15	440	9	46	640	I3	76	840	I8	06
400	8	60	2400	51	60	4400	94	60	6400	I37	60	8400	I80	60
5		11	25		54	45		97	65	I	40	85	I	83
50		08	250	5	38	450	9	68	650	I3	98	850	I8	28
500	10	75	2500	53	75	4500	96	75	6500	I39	75	8500	I82	75
6		13	26		56	46		99	66	I	42	86	I	85
60		I	260	5	59	460	9	89	660	I4	19	860	I8	49
600	12	90	2600	55	90	4600	98	90	6600	I4I	90	8600	I84	90
7		15	27		58	47		101	67	I	44	87	I	87
70		51	270	5	81	470	10	11	670	I4	41	870	I8	71
700	15	05	2700	58	05	4700	101	05	6700	I44	05	8700	I87	05
8		17	28		60	48		103	68	I	46	88	I	89
80		I	280	6	02	480	10	32	680	I4	62	880	I8	92
800	17	20	2800	60	20	4800	103	20	6800	I46	20	8800	I89	20
9		19	29		62	49		105	69	I	48	89	I	91
90		I	290	6	24	490	10	54	690	I4	84	890	I9	14
900	19	35	2900	62	35	4900	105	35	6900	I48	35	8900	191	35
10		22	30		65	50		107	70	I	51	90	I	94
100	2	15	300	6	45	500	10	75	700	I5	08	900	I9	35
1000	21	50	3000	64	50	5000	107	50	7000	I50	50	9000	193	50
11		24	31		67	51		109	71	I	53	91	I	96
110	2	37	310	6	67	510	10	97	710	I5	27	910	I9	57
1100	23	65	3100	66	65	5100	109	65	7100	I52	65	9100	195	65
12		26	32		69	52		111	72	I	55	92	I	98
120	2	58	320	6	88	520	11	18	720	I5	48	920	I9	78
1200	25	80	3200	68	80	5200	111	80	7200	I54	80	9200	197	80
13		28	33		71	53		113	73	I	57	93	2	00
130	2	80	330	7	10	530	11	40	730	I5	70	930	20	00
1300	27	95	3300	70	95	5300	113	95	7300	I56	95	9300	199	95
14		30	34		73	54		116	74	I	59	94	2	02
140	3	01	340	7	31	540	11	61	740	I5	91	940	20	21
1400	30	10	3400	73	10	5400	116	10	7400	I59	10	9400	202	10
15		32	35		75	55		118	75	I	61	95	2	04
150	3	23	350	7	53	550	11	83	750	I6	13	950	20	43
1500	32	25	3500	75	25	5500	118	25	7500	I61	25	9500	204	25
16		34	36		77	56		120	76	I	63	96	2	06
160	3	44	360	7	74	560	12	04	760	I6	34	960	20	64
1600	34	40	3600	77	40	5600	120	40	7600	I63	40	9600	206	40
17		37	37		80	57		122	77	I	65	97	2	09
170	3	66	370	7	96	570	12	26	770	I6	56	970	20	86
1700	36	55	3700	79	55	5700	122	55	7700	I65	55	9700	208	55
18		39	38		82	58		124	78	I	68	98	2	11
180	3	87	380	8	17	580	12	47	780	I6	77	980	21	07
1800	38	70	3800	81	70	5800	124	70	7800	I67	70	9800	210	70
19		41	39		84	59		126	79	I	70	99	2	13
190	4	09	390	8	39	590	12	69	790	I6	99	990	21	29
1900	40	85	3900	83	85	5900	126	85	7900	I69	85	9900	212	85
20		43	40		86	60		129	80	I	72	100	2	15
200	4	30	400	8	60	600	12	90	800	I7	20	1000	21	50
2000	43	00	4000	86	00	6000	129	00	8000	I72	00	10,000	215	00

POUNDS.

2000 POUNDS ONE TON.

\$44.00						\$2.20						\$44.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		02	21		46	41		90	61	1	34	81	1	78
10		22	210	4	62	410	9	02	610	13	42	810	17	82
100	2	20	2100	46	20	4100	90	20	6100	134	20	8100	178	20
2		04	22		48	42		92	62	1	36	82	1	80
20		44	220	4	84	420	9	24	620	13	64	820	18	04
200	4	40	2200	48	40	4200	92	40	6200	136	40	8200	180	40
3		07	23		51	43		95	63	1	39	83	1	83
30		66	230	5	06	430	9	46	630	13	86	830	18	26
300	6	60	2300	50	60	4300	94	60	6300	138	60	8300	182	60
4		09	24		53	44		97	64	1	41	84	1	85
40		88	240	5	28	440	9	68	640	14	08	840	18	48
400	8	80	2400	52	80	4400	96	80	6400	140	80	8400	184	80
5		11	25		55	45		99	65	1	43	85	1	87
50	1	10	250	5	50	450	9	90	650	14	30	850	18	70
500	11	00	2500	55	00	4500	99	00	6500	143	00	8500	187	00
6		13	26		57	46		101	66	1	45	86	1	89
60	1	32	260	5	72	460	10	12	660	14	52	860	18	92
600	13	20	2600	57	20	4600	101	20	6600	145	20	8600	189	20
7		15	27		59	47		103	67	1	47	87	1	91
70	1	54	270	5	94	470	10	34	670	14	74	870	19	14
700	15	40	2700	59	40	4700	103	40	6700	147	40	8700	191	40
8		18	28		62	48		106	68	1	50	88	1	94
80	1	76	280	6	16	480	10	56	680	14	96	880	19	36
800	17	60	2800	61	60	4800	105	60	6800	149	60	8800	193	60
9		20	29		64	49		108	69	1	52	89	1	96
90	1	98	290	6	38	490	10	78	690	15	18	890	19	58
900	19	80	2900	63	80	4900	107	80	6900	151	80	8900	195	80
10		22	30		66	50		110	70	1	54	90	1	98
100	2	20	300	6	60	500	11	00	700	15	40	900	19	80
1000	22	00	3000	66	00	5000	110	00	7000	154	00	9000	198	00
11		24	31		68	51		112	71	1	56	91	2	00
110	2	42	310	6	82	510	11	22	710	15	62	910	20	02
1100	24	20	3100	68	20	5100	112	20	7100	156	20	9100	200	20
12		26	32		70	52		114	72	1	58	92	2	02
120	2	64	320	7	04	520	11	44	720	15	84	920	20	24
1200	26	40	3200	70	40	5200	114	40	7200	158	40	9200	202	40
13		29	33		73	53		117	73	1	61	93	2	05
130	2	86	330	7	26	530	11	66	730	16	06	930	20	46
1300	28	60	3300	72	60	5300	116	60	7300	160	60	9300	204	60
14		31	34		75	54		119	74	1	63	94	2	07
140	3	08	340	7	48	540	11	88	740	16	28	940	20	68
1400	30	80	3400	74	80	5400	118	80	7400	162	80	9400	206	80
15		33	35		77	55		121	75	1	65	95	2	09
150	3	30	350	7	70	550	12	10	750	16	50	950	20	90
1500	33	00	3500	77	00	5500	121	00	7500	165	00	9500	209	00
16		35	36		79	56		123	76	1	67	96	2	11
160	3	52	360	7	92	560	12	32	760	16	72	960	21	12
1600	35	20	3600	79	20	5600	123	20	7600	167	20	9600	211	20
17		37	37		81	57		125	77	1	69	97	2	13
170	3	74	370	8	14	570	12	54	770	16	94	970	21	34
1700	37	40	3700	81	40	5700	125	40	7700	169	40	9700	213	40
18		40	38		84	58		128	78	1	72	98	2	16
180	3	96	380	8	36	580	12	76	780	17	16	980	21	56
1800	39	60	3800	83	60	5800	127	60	7800	171	60	9800	215	60
19		42	39		86	59		130	79	1	74	99	2	18
190	4	18	390	8	58	590	12	98	790	17	38	990	21	78
1900	41	80	3900	85	80	5900	129	80	7900	173	80	9900	217	80
20		44	40		88	60		132	80	1	76	100	2	20
200	4	40	400	8	80	600	13	20	800	17	60	1000	22	00
2000	44	00	4000	88	00	6000	132	00	8000	176	00	10,000	220	00

POUNDS.

2000 POUNDS ONE TON.

\$45.00			\$2.25			\$45.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		02	21		47	41		92
10		23	210	4	73	410	9	23
100	2	25	2100	47	25	4100	92	25
2		05	22		50	42		95
20		45	220	4	95	420	9	45
200	4	50	2200	49	50	4200	94	50
3		07	23		52	43		97
30		68	230	5	18	430	9	68
300	6	75	2300	51	75	4300	96	75
4		09	24		54	44		99
40		90	240	5	40	440	9	90
400	9	00	2400	54	00	4400	99	00
5		11	25		56	45		01
50	1	13	250	5	63	450	10	13
500	11	25	2500	56	25	4500	101	25
6		14	26		59	46		04
60	1	35	260	5	85	460	10	35
600	13	50	2600	58	50	4600	103	50
7		16	27		61	47		06
70	1	58	270	6	08	470	10	58
700	15	75	2700	60	75	4700	105	75
8		18	28		63	48		08
80	1	80	280	6	30	480	10	80
800	18	00	2800	63	00	4800	108	00
9		20	29		65	49		10
90	2	03	290	6	53	490	11	03
900	20	25	2900	65	25	4900	110	25
10		23	30		68	50		13
100	2	25	300	6	75	500	11	25
1000	22	50	3000	67	50	5000	112	50
11		25	31		70	51		15
110	2	48	310	6	93	510	11	48
1100	24	75	3100	69	75	5100	114	75
12		27	32		72	52		17
120	2	70	320	7	20	520	11	70
1200	27	00	3200	72	00	5200	117	00
13		29	33		74	53		19
130	2	93	330	7	43	530	11	93
1300	29	25	3300	74	25	5300	119	25
14		32	34		77	54		22
140	3	15	340	7	65	540	12	15
1400	31	50	3400	76	50	5400	121	50
15		34	35		79	55		24
150	3	38	350	7	88	550	12	38
1500	33	75	3500	78	75	5500	123	75
16		36	36		81	56		26
160	3	60	360	8	10	560	12	60
1600	36	00	3600	81	00	5600	126	00
17		38	37		83	57		28
170	3	83	370	8	33	570	12	83
1700	38	25	3700	83	25	5700	128	25
18		41	38		86	58		31
180	4	05	380	8	55	580	13	05
1800	40	50	3800	85	50	5800	130	50
19		43	39		88	59		33
190	4	28	390	8	78	590	13	28
1900	42	75	3900	87	75	5900	132	75
20		45	40		90	60		35
200	4	50	400	9	00	600	13	50
2000	45	00	4000	90	00	6000	135	00
61	1	37	81	1	82	610	13	73
610	13	25	810	18	23	6100	137	25
62	1	40	82	1	85	620	13	95
620	13	50	820	18	45	6200	139	50
63	1	42	83	1	87	630	14	18
630	14	75	830	18	68	6300	141	75
64	1	44	84	1	89	640	14	00
640	14	00	840	18	90	6400	144	00
65	1	46	85	1	91	650	14	63
650	14	25	850	19	13	6500	146	25
66	1	49	86	1	94	660	14	85
660	14	50	860	19	35	6600	148	50
67	1	51	87	1	96	670	15	08
670	15	75	870	19	58	6700	150	75
68	1	53	88	1	98	680	15	30
680	15	00	880	19	80	6800	153	00
69	1	55	89	2	00	690	15	53
690	15	25	890	20	02	6900	155	25
70	1	58	90	2	03	700	15	75
700	15	50	900	20	25	7000	157	50
71	1	60	91	2	05	710	15	98
710	15	75	910	20	48	7100	159	75
72	1	62	92	2	07	720	16	20
720	16	00	920	20	70	7200	162	00
73	1	64	93	2	09	730	16	43
730	16	25	930	20	93	7300	164	25
74	1	67	94	2	12	740	16	65
740	16	50	940	21	15	7400	166	50
75	1	69	95	2	14	750	16	88
750	16	75	950	21	38	7500	168	75
76	1	71	96	2	16	760	17	10
760	17	00	960	21	60	7600	171	00
77	1	73	97	2	18	770	17	33
770	17	25	970	21	83	7700	173	25
78	1	76	98	2	21	780	17	55
780	17	50	980	22	05	7800	175	50
79	1	78	99	2	23	790	17	78
790	17	75	990	22	28	7900	177	75
80	1	80	100	2	25	800	18	00
800	18	00	1000	22	50	8000	180	00
10,000	225	00						

POUNDS.

2000 POUNDS ONE TON.

\$46.00			\$2.30			\$46.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		02	21		48	41		94	61	I	41	81		86
10		23	210	4	83	410	9	43	610	I4	I3	810	18	63
100	2	30	2100	48	30	4100	94	30	6100	I40	30	8100	186	30
2		05	22		51	42		97	62	I	43	82		87
20		46	220		06	420		96	620	I4	26	820	18	86
200	4	60	2200	50	60	4200	96	60	6200	I42	60	8200	188	60
3		07	23		53	43		99	63	I	45	83		91
30		69	230	5	29	430	9	89	630	I4	49	830	19	09
300	6	90	2300	52	90	4300	98	90	6300	I44	90	8300	190	90
4		09	24		55	44		101	64	I	47	84		93
40		92	240	5	52	440	10	12	640	I4	72	840	19	32
400	9	20	2400	55	20	4400	101	20	6400	I47	20	8400	193	20
5		12	25		58	45		104	65	I	50	85		96
50	I	15	250	5	75	450	10	35	650	I4	95	850	19	55
500	11	50	2500	57	50	4500	103	50	6500	I49	50	8500	195	50
6		14	26		60	46		106	66	I	52	86		98
60	I	38	260	5	98	460	10	58	660	I5	18	860	19	78
600	13	80	2600	59	80	4600	105	80	6600	I51	80	8600	197	80
7		16	27		62	47		108	67	I	54	87		00
70	I	61	270	6	21	470	10	81	670	I5	41	870	20	01
700	16	10	2700	62	10	4700	108	10	6700	I54	10	8700	200	10
8		18	28		64	48		110	68	I	56	88		02
80	I	84	280	6	44	480	11	04	680	I5	64	880	20	24
800	18	40	2800	64	40	4800	110	40	6800	I56	40	8800	202	40
9		21	29		67	49		113	69	I	59	89		05
90	2	07	290	6	67	490	11	27	690	I5	87	890	20	47
900	20	70	2900	66	70	4900	112	70	6900	I58	70	8900	204	70
10		23	30		69	50		115	70	I	61	90		07
100	2	30	300	6	90	500	11	50	700	I6	10	900	20	70
1000	23	00	3000	69	00	5000	115	00	7000	I61	00	9000	207	00
11		25	31		71	51		117	71	I	63	91		09
110	2	53	310	7	13	510	11	73	710	I6	36	910	20	93
1100	25	30	3100	71	30	5100	117	30	7100	I63	30	9100	209	30
12		28	32		74	52		120	72	I	66	92		12
120	2	76	320	7	36	520	11	96	720	I6	56	920	21	15
1200	27	60	3200	73	60	5200	119	60	7200	I65	60	9200	211	60
13		30	33		76	53		122	73	I	68	93		14
130	2	99	330	7	59	530	12	19	730	I6	79	930	21	39
1300	29	90	3300	75	90	5300	121	90	7300	I67	90	9300	213	90
14		32	34		78	54		124	74	I	70	94		16
140	3	22	340	7	82	540	12	42	740	I7	02	940	21	62
1400	32	20	3400	78	20	5400	124	20	7400	I70	20	9400	216	20
15		35	35		81	55		127	75	I	73	95		19
150	3	45	350	8	05	550	12	65	750	I7	25	950	21	85
1500	34	50	3500	80	50	5500	126	50	7500	I72	50	9500	218	50
16		37	36		83	56		129	76	I	75	96		21
160	3	68	360	8	28	560	12	88	760	I7	48	960	22	08
1600	36	80	3600	82	80	5600	128	80	7600	I74	80	9600	220	80
17		39	37		85	57		131	77	I	77	97		23
170	3	91	370	8	51	570	13	11	770	I7	71	970	22	31
1700	39	10	3700	85	10	5700	131	10	7700	I77	10	9700	223	10
18		41	38		87	58		133	78	I	79	98		25
180	4	14	380	8	74	580	13	34	780	I7	94	980	22	54
1800	41	40	3800	87	40	5800	133	40	7800	I79	40	9800	225	40
19		44	39		90	59		135	79	I	82	99		28
190	4	37	390	8	97	590	13	57	790	I8	17	990	22	77
1900	43	70	3900	89	70	5900	135	70	7900	I81	70	9900	227	70
20		46	40		92	60		138	80	I	84	100		30
200	4	60	400	9	20	600	13	80	800	I8	40	1000	23	00
2000	46	00	4000	92	00	6000	138	00	8000	I84	00	10,000	230	00

POUNDS.

2000 POUNDS ONE TON.

\$47.00						\$2.35						\$47.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		02	21		49	41		96	61	I	44	81	I	90
10		24	210	4	94	410	9	64	610	I4	44	810	I9	04
100	2	35	2100	49	35	4100	96	35	6100	I43	35	8100	I90	35
2		05	22		52	42		99	62	I	46	82	I	93
20		47	220	5	17	420	9	87	620	I4	57	820	I9	27
200	4	70	2200	51	70	4200	98	70	6200	I45	70	8200	I92	70
3		07	23		54	43	I	01	63	I	48	83	I	95
30		71	230	5	41	430	10	11	630	I4	81	830	I9	51
300	7	05	2300	54	05	4300	101	05	6300	I48	05	8300	I95	05
4		09	24		56	44	I	03	64	I	50	84	I	97
40		94	240	5	64	440	10	34	640	I5	04	840	I9	74
400	9	40	2400	56	40	4400	103	40	6400	I50	40	8400	I97	40
5		12	25		59	45	I	06	65	I	53	85	2	00
50	I	18	250	5	88	450	10	58	650	I5	28	850	20	00
500	11	75	2500	58	75	4500	105	75	6500	I52	75	8500	199	75
6		14	26		61	46	I	08	66	I	55	86	2	02
60	I	41	260	6	11	460	10	81	660	I5	51	860	20	21
600	14	10	2600	61	10	4600	108	10	6600	I55	10	8600	202	10
7		16	27		63	47	I	10	67	I	57	87	2	04
70	I	65	270	6	35	470	11	05	670	I5	75	870	20	45
700	16	45	2700	63	45	4700	110	45	6700	I57	45	8700	204	45
8		19	28		66	48	I	13	68	I	60	88	2	07
80	I	88	280	6	58	480	11	28	680	I5	98	880	20	68
800	18	80	2800	65	80	4800	112	80	6800	I59	80	8800	206	80
9		21	29		68	49	I	15	69	I	62	89	2	09
90	2	12	290	6	82	490	11	52	690	I6	22	890	20	92
900	21	15	2900	68	15	4900	115	15	6900	I62	15	8900	209	15
10		24	30		71	50	I	18	70	I	65	90	2	12
100	2	35	300	7	05	500	11	75	700	I6	45	900	21	15
1000	23	50	3000	70	50	5000	117	50	7000	I64	50	9000	211	50
11		26	31		73	51	I	20	71	I	67	91	2	14
110	2	59	310	7	29	510	11	99	710	I6	69	910	21	39
1100	25	85	3100	72	85	5100	119	85	7100	I66	85	9100	213	85
12		28	32		75	52	I	22	72	I	69	92	2	16
120	2	82	320	7	52	520	12	22	720	I6	92	920	21	62
1200	28	20	3200	75	20	5200	122	20	7200	I69	20	9200	216	20
13		31	33		78	53	I	25	73	I	72	93	2	19
130	3	06	330	7	76	530	12	46	730	I7	16	930	21	86
1300	30	55	3300	77	55	5300	124	55	7300	I71	55	9300	218	55
14		33	34		80	54	I	27	74	I	74	94	2	21
140	3	29	340	7	99	540	12	69	740	I7	39	940	22	09
1400	32	90	3400	79	90	5400	126	90	7400	I73	90	9400	220	90
15		35	35		82	55	I	29	75	I	76	95	2	23
150	3	53	350	8	23	550	12	93	750	I7	63	950	22	33
1500	35	25	3500	82	25	5500	129	25	7500	I76	25	9500	223	25
16		38	36		85	56	I	32	76	I	79	96	2	26
160	3	76	360	8	46	560	13	16	760	I7	86	960	22	56
1600	37	60	3600	84	60	5600	131	60	7600	I78	60	9600	225	60
17		40	37		87	57	I	34	77	I	81	97	2	28
170	4	00	370	8	70	570	13	40	770	I8	10	970	22	80
1700	39	95	3700	86	95	5700	133	95	7700	I80	95	9700	227	95
18		42	38		89	58	I	36	78	I	83	98	2	30
180	4	23	380	8	93	580	13	63	780	I8	33	980	23	03
1800	42	30	3800	89	30	5800	136	30	7800	I83	30	9800	230	30
19		45	39		92	59	I	39	79	I	86	99	2	33
190	4	47	390	9	17	590	13	87	790	I8	57	990	23	27
1900	44	65	3900	91	65	5900	138	65	7900	I85	65	9900	232	65
20		47	40		94	60	I	41	80	I	88	100	2	35
200	4	70	400	9	40	600	14	10	800	I8	80	1000	23	50
2000	47	00	4000	94	00	6000	141	00	8000	I88	00	10.000	235	00

POUNDS.

2000 POUNDS ONE TON.

\$48.00			\$2.40			\$48.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		02	21		50	41		98	61	I	47	81	I	94
10		24	210	5	04	410	9	84	610	I4	64	810	I9	44
100	2	40	2100	50	40	4100	98	40	6100	I46	40	8100	I94	40
2		05	22		53	42	I	01	62	I	49	82	I	97
20		48	220	5	28	420	10	08	620	I4	88	820	I9	68
200	4	80	2200	52	80	4200	100	80	6200	I48	80	8200	I96	80
3		07	23		55	43	I	03	63	I	51	83	I	99
30		72	230	5	52	430	10	32	630	I5	12	830	I9	92
300	7	20	2300	55	20	4300	103	20	6300	I51	20	8300	I99	20
4		10	24		58	44	I	06	64	I	54	84	2	02
40		96	240	5	75	440	10	56	640	I5	36	840	20	16
400	9	60	2400	57	60	4400	105	60	6400	I53	60	8400	201	60
5		12	25		60	45	I	08	65	I	56	85	2	04
50	I	20	250	6	00	450	10	80	650	I5	60	850	20	40
500	12	00	2500	60	00	4500	108	00	6500	I56	00	8500	204	00
6		14	26		62	46	I	10	66	I	58	86	2	06
60	I	44	260	6	24	460	11	04	660	I5	84	860	20	64
600	14	40	2600	62	40	4600	110	40	6600	I58	40	8600	206	40
7		17	27		65	47	I	13	67	I	61	87	2	09
70	I	68	270	6	48	470	11	28	670	I6	08	870	20	88
700	16	80	2700	64	80	4700	112	80	6700	I60	80	8700	208	80
8		19	28		67	48	I	15	68	I	63	88	2	11
80	I	92	280	6	72	480	11	52	680	I6	32	880	21	12
800	19	20	2800	67	20	4800	115	20	6800	I63	20	8800	211	20
9		22	29		70	49	I	18	69	I	66	89	2	14
90	2	16	290	6	96	490	11	76	690	I6	56	890	21	36
900	21	60	2900	69	60	4900	117	60	6900	I65	60	8900	213	60
10		24	30		72	50	I	20	70	I	68	90	2	16
100	2	40	300	7	20	500	12	00	700	I6	80	900	21	60
1000	24	00	3000	72	00	5000	120	00	7000	I68	00	9000	216	00
11		26	31		74	51	I	22	71	I	70	91	2	18
110	2	64	310	7	44	510	12	24	710	I7	04	910	21	84
1100	26	40	3100	74	40	5100	122	40	7100	I70	40	9100	218	40
12		29	32		77	52	I	25	72	I	73	92	2	21
120	2	88	320	7	68	520	12	48	720	I7	28	920	22	08
1200	28	80	3200	76	80	5200	124	80	7200	I72	80	9200	220	80
13		31	33		79	53	I	27	73	I	75	93	2	23
130	3	12	330	7	92	530	12	72	730	I7	52	930	22	32
1300	31	20	3300	79	20	5300	127	20	7300	I75	20	9300	223	20
14		34	34		82	54	I	30	74	I	78	94	2	26
140	3	36	340	8	16	540	12	96	740	I7	76	940	22	56
1400	33	60	3400	81	60	5400	129	60	7400	I77	60	9400	225	60
15		36	35		84	55	I	32	75	I	80	95	2	28
150	3	60	350	8	40	550	13	20	750	I8	00	950	22	80
1500	36	00	3500	84	00	5500	132	00	7500	I80	00	9500	228	00
16		38	36		86	56	I	34	76	I	82	96	2	30
160	3	84	360	8	64	560	13	44	760	I8	24	960	23	04
1600	38	40	3600	86	40	5600	134	40	7600	I82	40	9600	230	40
17		41	37		89	57	I	37	77	I	85	97	2	33
170	4	08	370	8	88	570	13	68	770	I8	48	970	23	28
1700	40	80	3700	88	80	5700	136	80	7700	I84	80	9700	232	80
18		43	38		91	58	I	39	78	I	87	98	2	35
180	4	32	380	9	12	580	13	92	780	I8	72	980	23	52
1800	43	20	3800	91	20	5800	139	20	7800	I87	20	9800	235	20
19		46	39		94	59	I	42	79	I	90	99	2	38
190	4	56	390	9	36	590	14	16	790	I8	96	990	23	76
1900	45	60	3900	93	60	5900	141	60	7900	I89	60	9900	237	60
20		48	40		96	60	I	44	80	I	92	100	2	40
200	4	80	400	9	60	600	14	40	800	I9	20	1000	24	00
2000	48	00	4000	96	00	6000	144	00	8000	I92	00	10,000	240	00

POUNDS.

2000 POUNDS ONE TON.

\$49.00

\$2.45

\$49.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		02	21		51	41	I	00	61	I	50	81	I	98
10		25	210	5	15	410	10	05	610	14	95	810	19	85
100	2	45	2100	51	45	4100	100	45	6100	149	45	8100	198	45
2		05	22		54	42	I	03	62	I	52	82	2	01
20		49	220	5	39	420	10	29	620	15	19	820	20	09
200	4	90	2200	53	90	4200	102	90	6200	151	90	8200	200	90
3		07	23		56	43	I	05	63	I	54	83	2	03
30		74	230	5	64	430	10	54	630	15	44	830	20	34
300	7	35	2300	56	35	4300	105	35	6300	154	35	8300	203	35
4		10	24		59	44	I	08	64	I	57	84	2	06
40		98	240	5	88	440	10	78	640	15	68	840	20	58
400	9	80	2400	58	80	4400	107	80	6400	156	80	8400	205	80
5		12	25		61	45	I	10	65	I	59	85	2	08
50	I	23	250	6	13	450	11	03	650	15	93	850	20	83
500	12	25	2500	61	25	4500	110	25	6500	159	25	8500	208	25
6		15	26		64	46	I	13	66	I	62	86	2	11
60	I	47	260	6	37	460	11	27	660	16	17	860	21	07
600	14	70	2600	63	70	4600	112	70	6600	161	70	8600	210	70
7		17	27		66	47	I	15	67	I	64	87	2	13
70	I	72	270	6	62	470	11	52	670	16	42	870	21	32
700	17	15	2700	66	15	4700	115	15	6700	164	15	8700	213	15
8		20	28		69	48	I	18	68	I	67	88	2	16
80	I	96	280	6	86	480	11	76	680	16	66	880	21	56
800	19	60	2800	68	60	4800	117	60	6800	166	60	8800	215	60
9		22	29		71	49	I	20	69	I	69	89	2	18
90	2	21	290	7	11	490	12	01	690	16	91	890	21	81
900	22	05	2900	71	05	4900	120	05	6900	169	05	8900	218	05
10		25	30		74	50	I	23	70	I	72	90	2	21
100	2	45	300	7	35	500	12	25	700	17	15	900	22	05
1000	24	50	3000	73	50	5000	122	50	7000	171	50	9000	220	50
11		27	31		76	51	I	25	71	I	74	91	2	23
110	2	70	310	7	60	510	12	50	710	17	40	910	22	30
1100	26	95	3100	75	95	5100	124	95	7100	173	95	9100	222	95
12		29	32		78	52	I	27	72	I	76	92	2	25
120	2	94	320	7	84	520	12	74	720	17	64	920	22	54
1200	29	40	3200	73	40	5200	127	40	7200	176	40	9200	225	40
13		32	33		81	53	I	30	73	I	79	93	2	28
130	3	19	330	8	09	530	12	99	730	17	89	930	22	79
1300	31	85	3300	80	85	5300	129	85	7300	178	85	9300	227	85
14		34	34		83	54	I	32	74	I	81	94	2	30
140	3	43	340	8	33	540	13	23	740	18	13	940	23	03
1400	34	30	3400	83	30	5400	132	30	7400	181	30	9400	230	30
15		37	35		86	55	I	35	75	I	84	95	2	33
150	3	68	350	8	58	550	13	48	750	18	38	950	23	28
1500	36	75	3500	85	75	5500	134	75	7500	183	75	9500	232	75
16		39	36		88	56	I	37	76	I	86	96	2	35
160	3	92	360	8	82	560	13	72	760	18	62	960	23	52
1600	39	20	3600	88	20	5600	137	20	7600	186	20	9600	235	20
17		42	37		91	57	I	40	77	I	89	97	2	38
170	4	17	370	9	07	570	13	97	770	18	87	970	23	77
1700	41	65	3700	90	65	5700	139	65	7700	188	65	9700	237	65
18		44	38		93	58	I	42	78	I	91	98	2	40
180	4	41	380	9	31	580	14	21	780	19	11	980	24	01
1800	44	10	3800	93	10	5800	142	10	7800	191	10	9800	240	10
19		47	39		96	59	I	45	79	I	94	99	2	43
190	4	66	390	9	56	590	14	40	790	19	36	990	24	26
1900	46	55	3900	95	55	5900	144	55	7900	193	55	9900	242	55
20		49	40		98	60	I	47	80	I	96	100	2	45
200	4	90	400	9	80	600	14	70	800	19	60	1000	24	50
2000	49	00	4000	98	00	6000	147	00	8000	196	00	10,000	245	00

POUNDS.

2000 POUNDS ONE TON.

\$50.00			\$2.50			\$50.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		53	41	1	03	61	1	54	81	2	03
10		25	210	5	25	410	10	25	610	15	35	810	20	25
100	2	50	2100	52	50	4100	102	50	6100	152	50	8100	202	50
2		05	22		55	42	1	05	62	1	55	82	2	05
20		50	220	5	50	420	10	50	620	15	50	820	20	50
200	5	00	2200	55	00	4200	105	00	6200	155	00	8200	205	00
3		08	23		58	43	1	08	63	1	58	83	2	08
30		75	230	5	75	430	10	75	630	15	75	830	20	75
300	7	50	2300	57	50	4300	107	50	6300	157	50	8300	207	50
4		10	24		60	44	1	10	64	1	60	84	2	10
40	1	00	240	6	00	440	11	00	640	16	00	840	21	00
400	10	00	2400	60	00	4400	110	00	6400	160	00	8400	210	00
5		13	25		63	45	1	13	65	1	63	85	2	13
50	1	25	250	6	25	450	11	25	650	16	25	850	21	25
500	12	50	2500	62	50	4500	112	50	6500	162	50	8500	212	50
6		15	26		65	46	1	15	66	1	65	86	2	15
60	1	50	260	6	50	460	11	50	660	16	50	860	21	50
600	15	00	2600	65	00	4600	115	00	6600	165	00	8600	215	00
7		18	27		68	47	1	18	67	1	68	87	2	18
70	1	75	270	6	75	470	11	75	670	16	75	870	21	75
700	17	50	2700	67	50	4700	117	50	6700	167	50	8700	217	50
8		20	28		70	48	1	20	68	1	70	88	2	20
80	2	00	280	7	00	480	12	00	680	17	00	880	22	00
800	20	00	2800	70	00	4800	120	00	6800	170	00	8800	220	00
9		23	29		73	49	1	23	69	1	73	89	2	23
90	2	25	290	7	25	490	12	25	690	17	25	890	22	25
900	22	50	2900	72	50	4900	122	50	6900	172	50	8900	222	50
10		25	30		75	50	1	25	70	1	75	90	2	25
100	2	50	300	7	50	500	12	50	700	17	50	900	22	50
1000	25	00	3000	75	00	5000	125	00	7000	175	00	9000	225	00
11		28	31		78	51	1	28	71	1	78	91	2	28
110	2	75	310	7	75	510	12	75	710	17	75	910	22	75
1100	27	50	3100	77	50	5100	127	50	7100	177	50	9100	227	50
12		30	32		80	52	1	30	72	1	80	92	2	30
120	3	00	320	8	00	520	13	00	720	18	00	920	23	00
1200	30	00	3200	80	00	5200	130	00	7200	180	00	9200	230	00
13		33	33		83	53	1	33	73	1	83	93	2	33
130	3	25	330	8	25	530	13	25	730	18	25	930	23	25
1300	32	50	3300	82	50	5300	132	50	7300	182	50	9300	232	50
14		35	34		85	54	1	35	74	1	85	94	2	35
140	3	50	340	8	50	540	13	50	740	18	50	940	23	50
1400	35	00	3400	85	00	5400	135	00	7400	185	00	9400	235	00
15		38	35		88	55	1	38	75	1	88	95	2	38
150	3	75	350	8	75	550	13	75	750	18	75	950	23	75
1500	37	50	3500	87	50	5500	137	50	7500	187	50	9500	237	50
16		40	36		90	56	1	40	76	1	90	96	2	40
160	4	00	360	9	00	560	14	00	760	19	00	960	24	00
1600	40	00	3600	90	00	5600	140	00	7600	190	00	9600	240	00
17		43	37		93	57	1	43	77	1	93	97	2	43
170	4	25	370	9	25	570	14	25	770	19	25	970	24	25
1700	42	50	3700	92	50	5700	142	50	7700	192	50	9700	242	50
18		45	38		95	58	1	45	78	1	95	98	2	45
180	4	50	380	9	50	580	14	50	780	19	50	980	24	50
1800	45	00	3800	95	00	5800	145	00	7800	195	00	9800	245	00
19		48	39		98	59	1	48	79	1	98	99	2	48
190	4	75	390	9	75	590	14	75	790	19	75	990	24	75
1900	47	50	3900	97	50	5900	147	50	7900	197	50	9900	247	50
20		50	40		1	60	1	50	80	2	00	100	2	50
200	5	00	400	10	00	600	15	00	800	20	00	1000	25	00
2000	50	00	4000	100	00	6000	150	00	8000	200	00	10,000	250	00

POUNDS.

2000 POUNDS ONE TON.

\$51.00						\$2.55						\$51.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		54	41	I	05	61	I	56	81	2	06
10		26	210	5	36	410	IO	46	610	15	56	810	20	66
100	2	55	2100	53	55	4100	IO4	55	6100	155	55	8100	206	55
2		05	22		56	42	I	07	62	I	58	82	2	09
20		51	220	5	61	420	IO	71	620	15	81	820	20	91
200	5	10	2200	56	10	4200	IO7	10	6200	158	10	8200	209	10
3		08	23		59	43	I	10	63	I	61	83	2	12
30		77	230	5	87	430	IO	97	630	16	07	830	21	17
300	7	65	2300	58	65	4300	IO9	65	6300	150	65	8300	211	65
4		10	24		61	44	I	12	64	I	63	84	2	14
40	I	02	240	6	12	440	II	22	640	16	32	840	21	42
400	10	20	2400	61	20	4400	II2	20	6400	163	20	8400	214	20
5		13	25		64	45	I	15	65	I	66	85	2	17
50	I	28	250	6	38	450	II	48	650	16	58	850	21	68
500	12	75	2500	63	75	4500	II4	75	6500	165	75	8500	216	75
6		15	26		66	46	I	17	66	I	68	86	2	19
60	I	53	260	6	63	460	II	73	660	16	83	860	21	93
600	15	30	2600	66	30	4600	II7	30	6600	168	30	8600	219	30
7		18	27		69	47	I	20	67	I	71	87	2	22
70	I	79	270	6	89	470	II	99	670	17	09	870	22	19
700	17	85	2700	68	85	4700	II9	85	6700	170	85	8700	221	85
8		20	28		71	48	I	22	68	I	73	88	2	24
80	2	04	280	7	14	480	12	24	680	17	34	880	22	44
800	20	40	2800	71	40	4800	122	40	6800	173	40	8800	224	40
9		23	29		74	49	I	25	69	I	76	89	2	27
90	2	30	290	7	40	490	12	50	690	17	60	890	22	70
900	22	95	2900	73	95	4900	124	95	6900	175	95	8900	226	95
10		26	30		77	50	I	28	70	I	79	90	2	30
100	2	55	300	7	65	500	12	75	700	17	85	900	22	95
1000	25	50	3000	76	50	5000	127	50	7000	178	50	9000	229	50
11		28	31		79	51	I	30	71	I	81	91	2	32
110	2	81	310	7	91	510	13	00	710	18	11	910	23	21
1100	28	05	3100	79	05	5100	130	05	7100	181	05	9100	232	05
12		31	32		82	52	I	33	72	I	84	92	2	35
120	3	06	320	8	16	520	13	26	720	18	36	920	23	45
1200	30	60	3200	81	60	5200	132	60	7200	183	60	9200	234	60
13		33	33		84	53	I	35	73	I	86	93	2	37
130	3	32	330	8	42	530	13	52	730	18	62	930	23	72
1300	33	15	3300	84	15	5300	135	15	7300	186	15	9300	237	15
14		36	34		87	54	I	38	74	I	88	94	2	40
140	3	57	340	8	67	540	13	77	740	18	87	940	23	97
1400	35	70	3400	86	70	5400	137	70	7400	188	70	9400	239	70
15		38	35		89	55	I	40	75	I	91	95	2	42
150	3	83	350	8	93	550	14	03	750	19	13	950	24	23
1500	38	25	3500	89	25	5500	140	25	7500	191	25	9500	242	25
16		41	36		92	56	I	43	76	I	94	96	2	45
160	4	08	360	9	18	560	14	28	760	19	38	960	24	48
1600	40	80	3600	91	80	5600	142	80	7600	193	80	9600	244	80
17		43	37		94	57	I	45	77	I	96	97	2	47
170	4	34	370	9	44	570	14	54	770	19	64	970	24	74
1700	43	35	3700	94	35	5700	145	35	7700	196	35	9700	247	35
18		46	38		97	58	I	48	78	I	99	98	2	50
180	4	59	380	9	69	580	14	79	780	19	89	980	24	99
1800	45	90	3800	96	90	5800	147	90	7800	198	90	9800	249	90
19		48	39		99	59	I	50	79	2	01	99	2	52
190	4	85	390	9	95	590	15	05	790	20	15	990	25	25
1900	48	45	3900	99	45	5900	150	45	7900	201	45	9900	252	45
20		51	40		I	60	I	53	80	2	04	100	2	55
200	5	10	400	10	20	600	15	30	800	20	40	1000	25	50
2000	51	00	4000	102	00	6000	153	00	8000	204	00	10,000	255	00

POUNDS.

2000 POUNDS ONE TON.

\$52.00						\$2.60						\$52.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		55	41	1	07	61	1	59	81	2	11
10		26	210	5	46	410	10	66	610	15	86	810	21	06
100	2	60	2100	54	60	4100	106	60	6100	158	60	8100	210	60
2		05	22		57	42	1	09	62	1	61	82	2	13
20		52	220	5	72	420	10	92	620	16	12	820	21	32
200	5	20	2200	57	20	4200	109	20	6200	161	20	8200	213	20
3		08	23		60	43	1	12	63	1	64	83	2	16
30		78	230	5	98	430	11	18	630	16	38	830	21	58
300	7	80	2300	59	80	4300	111	80	6300	163	80	8300	215	80
4		10	24		62	44	1	14	64	1	66	84	2	18
40	1	04	240	6	24	440	11	44	640	16	64	840	21	84
400	10	40	2400	62	40	4400	114	40	6400	166	40	8400	218	40
5		13	25		65	45	1	17	65	1	69	85	2	21
50	1	30	250	6	50	450	11	70	650	16	90	850	22	10
500	13	00	2500	65	00	4500	117	00	6500	169	00	8500	221	00
6		16	26		68	46	1	20	66	1	72	86	2	24
60	1	56	260	6	76	460	11	96	660	17	16	860	22	36
600	15	60	2600	67	60	4600	119	60	6600	171	60	8600	223	60
7		18	27		70	47	1	22	67	1	74	87	2	26
70	1	82	270	7	02	470	12	22	670	17	42	870	22	62
700	18	20	2700	70	20	4700	122	20	6700	174	20	8700	226	20
8		21	28		73	48	1	25	68	1	77	88	2	29
80	2	08	280	7	28	480	12	48	680	17	68	880	22	88
800	20	80	2800	72	80	4800	124	80	6800	176	80	8800	228	80
9		23	29		75	49	1	27	69	1	79	89	2	31
90	2	34	290	7	54	490	12	74	690	17	94	890	23	14
900	23	40	2900	75	40	4900	127	40	6900	179	40	8900	231	40
10		26	30		78	50	1	30	70	1	82	90	2	34
100	2	60	300	7	80	500	13	00	700	18	20	900	23	40
1000	26	00	3000	78	00	5000	130	00	7000	182	00	9000	234	00
11		29	31		81	51	1	33	71	1	85	91	2	37
110	2	86	310	8	06	510	13	26	710	18	46	910	23	66
1100	28	60	3100	80	60	5100	132	60	7100	184	60	9100	236	60
12		31	32		83	52	1	35	72	1	87	92	2	39
120	3	12	320	8	32	520	13	52	720	18	72	920	23	92
1200	31	20	3200	83	20	5200	135	20	7200	187	20	9200	239	20
13		34	33		86	53	1	39	73	1	90	93	2	42
130	3	38	330	8	58	530	13	78	730	18	98	930	24	18
1300	33	80	3300	85	80	5300	137	80	7300	189	80	9300	241	80
14		36	34		88	54	1	40	74	1	92	94	2	44
140	3	64	340	8	84	540	14	04	740	19	24	940	24	44
1400	36	40	3400	88	40	5400	140	40	7400	192	40	9400	244	40
15		39	35		91	55	1	43	75	1	95	95	2	47
150	3	90	350	9	10	550	14	30	750	19	50	950	24	70
1500	39	00	3500	91	00	5500	143	00	7500	195	00	9500	247	00
16		42	36		94	56	1	46	76	1	98	96	2	50
160	4	16	360	9	36	560	14	56	760	19	76	960	24	96
1600	41	60	3600	93	60	5600	145	60	7600	197	60	9600	249	60
17		44	37		96	57	1	48	77	2	00	97	2	52
170	4	42	370	9	62	570	14	82	770	20	02	970	25	22
1700	44	20	3700	96	20	5700	148	20	7700	200	20	9700	252	20
18		47	38		99	58	1	51	78	2	03	98	2	55
180	4	68	380	9	88	580	15	08	780	20	28	980	25	48
1800	46	80	3800	98	80	5800	150	80	7800	202	80	9800	254	80
19		49	39	1	01	59	1	53	79	2	05	99	2	57
190	4	94	390	10	14	590	15	34	790	20	54	990	25	74
1900	49	40	3900	101	40	5900	153	40	7900	205	40	9900	257	40
20		52	40	1	04	60	1	56	80	2	08	100	2	60
200	5	20	400	10	40	600	15	60	800	20	80	1000	26	00
2000	52	00	4000	104	00	6000	156	00	8000	208	00	10,000	260	00

2000 POUNDS ONE TON.

\$53.00			\$2.65			\$53.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		56	41	I	09	61	I	62	81	2	15
10		27	210	5	57	410	10	87	610	16	17	810	21	47
100	2	65	2100	55	65	4100	108	65	6100	161	65	8100	214	65
2		05	22		58	42	I	11	62	I	64	82	2	17
20		53	220	5	83	420	11	13	620	16	43	820	21	73
200	5	30	2200	58	30	4200	111	30	6200	164	30	8200	217	30
3		08	23		61	43	I	14	63	I	67	83	2	20
30		80	230	6	10	430	11	40	630	16	70	830	22	00
300	7	95	2300	60	95	4300	113	95	6300	166	95	8300	219	95
4		11	24		64	44	I	17	64	I	70	84	2	23
40	I	06	240	6	36	440	11	66	640	16	96	840	22	26
400	10	60	2400	63	60	4400	116	60	6400	169	60	8400	222	60
5		13	25		66	45	I	19	65	I	72	85	2	25
50	I	33	250	6	63	450	11	93	650	17	23	850	22	53
500	13	25	2500	66	25	4500	119	25	6500	172	25	8500	225	25
6		16	26		69	46	I	22	66	I	75	86	2	28
60	I	59	260	6	89	460	12	19	660	17	49	860	22	79
600	15	90	2600	68	90	4600	121	90	6600	174	90	8600	227	90
7		19	27		72	47	I	25	67	I	78	87	2	31
70	I	86	270	7	16	470	12	46	670	17	76	870	23	06
700	18	55	2700	71	55	4700	124	55	6700	177	55	8700	230	55
8		21	28		74	48	I	27	68	I	80	88	2	33
80	2	12	280	7	42	480	12	72	680	18	02	880	23	32
800	21	20	2800	74	20	4800	127	20	6800	180	20	8800	233	20
9		24	29		77	49	I	29	69	I	83	89	2	36
90	2	39	290	7	69	490	12	99	690	18	29	890	23	59
900	23	85	2900	76	85	4900	129	85	6900	182	85	8900	235	85
10		27	30		80	50	I	33	70	I	86	90	2	39
100	2	65	300	7	95	500	13	25	700	18	55	900	23	85
1000	26	50	3000	79	50	5000	132	50	7000	185	50	9000	238	50
11		29	31		82	51	I	35	71	I	88	91	2	41
110	2	92	310	8	22	510	13	52	710	18	82	910	24	12
1100	29	15	3100	82	15	5100	135	15	7100	188	15	9100	241	15
12		32	32		85	52	I	38	72	I	91	92	2	44
120	3	18	320	8	48	520	13	78	720	19	08	920	24	38
1200	31	80	3200	84	80	5200	137	80	7200	190	80	9200	243	80
13		34	33		87	53	I	40	73	I	93	93	2	46
130	3	45	330	8	75	530	14	05	730	19	35	930	24	65
1300	34	45	3300	87	45	5300	140	45	7300	193	45	9300	246	45
14		37	34		90	54	I	43	74	I	96	94	2	49
140	3	71	340	9	01	540	14	31	740	19	61	940	24	91
1400	37	10	3400	90	10	5400	143	10	7400	196	10	9400	249	10
15		40	35		93	55	I	46	75	I	99	95	2	52
150	3	98	350	9	28	550	14	58	750	19	88	950	25	18
1500	39	75	3500	92	75	5500	145	75	7500	198	75	9500	251	75
16		42	36		95	56	I	48	76	2	01	96	2	54
160	4	24	360	9	54	560	14	84	760	20	14	960	25	44
1600	42	40	3600	95	40	5600	148	40	7600	201	40	9600	254	40
17		45	37		98	57	I	51	77	2	04	97	2	57
170	4	51	370	9	81	570	15	11	770	20	41	970	25	71
1700	45	05	3700	98	05	5700	151	05	7700	204	05	9700	257	05
18		48	38		1	58	I	54	78	2	07	98	2	60
180	4	77	380	10	07	580	15	37	780	20	67	980	25	97
1800	47	70	3800	100	70	5800	153	70	7800	206	70	9800	259	70
19		50	39		1	59	I	56	79	2	09	99	2	62
190	5	04	390	10	34	590	15	64	790	20	94	990	26	24
1900	50	35	3900	103	35	5900	156	35	7900	209	35	9900	262	35
20		53	40		1	60	I	59	80	2	12	100	2	65
200	5	30	400	10	60	600	15	90	800	21	00	1000	26	50
2000	53	00	4000	106	00	6000	159	00	8000	212	00	10,000	265	00

2000 POUNDS ONE TON.

\$54.00						\$2.70						\$54.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		57	41	I	11	61	I	65	81	2	19
10		27	210	5	67	410	II	07	610	I6	47	810	21	87
100	2	70	2100	56	70	4100	II0	70	6100	I64	70	8100	218	70
2		05	22		59	42	I	13	62	I	67	82	2	21
20		54	220	5	94	420	II	34	620	I6	74	820	22	14
200	5	40	2200	59	40	4200	II3	40	6200	I67	40	8200	221	40
3		08	23		62	43	I	16	63	I	70	83	2	24
30		81	230	6	21	430	II	61	630	I7	01	830	22	41
300	8	10	2300	62	10	4300	II6	10	6300	I70	10	8300	224	10
4		11	24		65	44	I	19	64	I	73	84	2	27
40	I	08	240	6	48	440	II	88	640	I7	28	840	22	68
400	10	80	2400	64	80	4400	II8	80	6400	I72	80	8400	226	80
5		14	25		68	45	I	22	65	I	76	85	2	30
50	I	35	250	6	75	450	I2	15	650	I7	55	850	22	95
500	13	50	2500	67	50	4500	I21	50	6500	I75	50	8500	229	50
6		16	26		70	46	I	24	66	I	78	86	2	32
60	I	62	260	7	02	460	I2	42	660	I7	82	860	23	22
600	16	20	2600	70	20	4600	I24	20	6600	I78	20	8600	232	20
7		19	27		73	47	I	27	67	I	81	87	2	35
70	I	89	270	7	29	470	I2	69	670	I8	09	870	23	49
700	18	90	2700	72	90	4700	I26	90	6700	I80	90	8700	234	90
8		22	28		75	48	I	30	68	I	84	88	2	38
80	2	16	280	7	56	480	I2	96	680	I8	36	880	23	76
800	21	60	2800	75	60	4800	I29	60	6800	I83	60	8800	237	60
9		24	29		78	49	I	32	69	I	86	89	2	40
90	2	43	290	7	83	490	I3	23	690	I8	63	890	24	03
900	24	30	2900	78	30	4900	I32	30	6900	I86	30	8900	240	30
10		27	30		81	50	I	35	70	I	89	90	2	43
100	2	70	300	8	10	500	I3	50	700	I8	90	900	24	30
1000	27	00	3000	81	00	5000	I35	00	7000	I89	00	9000	243	00
11		30	31		84	51	I	38	71	I	92	91	2	46
110	2	97	310	8	37	510	I3	77	710	I9	17	910	24	57
1100	29	70	3100	83	70	5100	I37	70	7100	I91	70	9100	245	70
12		32	32		86	52	I	40	72	I	94	92	2	48
120	3	24	320	8	64	520	I4	04	720	I9	44	920	24	84
1200	32	40	3200	86	40	5200	I40	40	7200	I94	40	9200	248	40
13		35	33		89	53	I	43	73	I	97	93	2	51
130	3	51	330	8	91	530	I4	31	730	I9	71	930	25	11
1300	35	10	3300	89	10	5300	I43	10	7300	I97	10	9300	251	10
14		38	34		92	54	I	46	74	I	99	94	2	54
140	3	78	340	9	18	540	I4	58	740	I9	98	940	25	38
1400	37	80	3400	91	80	5400	I45	80	7400	I99	80	9400	253	80
15		41	35		95	55	I	49	75	2	03	95	2	57
150	4	05	350	9	45	550	I4	85	750	20	25	950	25	65
1500	40	50	3500	94	50	5500	I48	50	7500	202	50	9500	256	50
16		43	36		97	56	I	51	76	2	05	96	2	59
160	4	32	360	9	72	560	I5	12	760	20	52	960	25	92
1600	43	20	3600	97	20	5600	I51	20	7600	205	20	9600	259	20
17		46	37		1	00	I	54	77	2	08	97	2	62
170	4	59	370	9	99	570	I5	39	770	20	79	970	26	19
1700	45	90	3700	99	90	5700	I53	90	7700	207	90	9700	261	90
18		49	38		1	03	I	57	78	2	11	98	2	65
180	4	86	380	10	26	580	I5	66	780	21	06	980	26	46
1800	48	60	3800	102	60	5800	I56	60	7800	210	60	9800	264	60
19		51	39		1	05	I	59	79	2	13	99	2	67
190	5	13	390	10	53	590	I5	93	790	21	33	990	26	73
1900	51	30	3900	105	30	5900	I59	30	7900	213	30	9900	267	30
20		54	40		1	08	I	62	80	2	16	100	2	70
200	5	40	400	10	80	600	I6	20	800	21	60	1000	27	00
2000	54	00	4000	108	00	6000	I62	00	8000	216	00	10,000	270	00

POUNDS.

2000 POUNDS ONE TON.

\$55.00			\$275									\$55.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		58	41	I	13	61	I	68	81	2	23
10		28	210	5	78	410	II	28	610	I6	78	810	22	28
100	2	75	2100	57	75	4100	II2	75	6100	I67	75	8100	222	75
2		06	22		61	42	I	16	62	I	71	82	2	26
20		55	220	6	05	420	II	55	620	I7	05	820	22	55
200	5	50	2200	60	50	4200	II5	50	6200	I70	50	8200	225	50
3		08	23		63	43	I	18	63	I	73	83	2	28
30		83	230	6	33	430	II	83	630	I7	33	830	22	83
300	8	25	2300	63	25	4300	II8	25	6300	I73	25	8300	228	25
4		11	24		66	44	I	21	64	I	76	84	2	31
40	I	10	240	6	60	440	I2	10	640	I7	60	840	23	10
400	II	00	2400	66	00	4400	I2I	00	6400	I76	00	8400	231	00
5		14	25		69	45	I	24	65	I	79	85	2	34
50	I	38	250	6	88	450	I2	38	650	I7	88	850	23	38
500	I3	75	2500	68	75	4500	I23	75	6500	I78	75	8500	233	75
6		17	26		72	46	I	27	66	I	82	86	2	37
60	I	65	260	7	15	460	I2	65	660	I8	15	860	23	65
600	I6	50	2600	71	50	4600	I26	50	6600	I81	50	8600	236	50
7		19	27		74	47	I	29	67	I	84	87	2	39
70	I	93	270	7	43	470	I2	93	670	I8	43	870	23	93
700	I9	25	2700	74	25	4700	I29	25	6700	I84	25	8700	239	25
8		22	28		77	48	I	32	68	I	87	88	2	42
80	2	20	280	7	70	480	I3	20	680	I8	70	880	24	20
800	22	00	2800	77	00	4800	I32	00	6800	I87	00	8800	242	00
9		25	29		80	49	I	35	69	I	90	89	2	45
90	2	48	290	7	98	490	I3	48	690	I8	98	890	24	48
900	24	75	2900	79	75	4900	I34	75	6900	I89	75	8900	244	75
10		28	30		83	50	I	38	70	I	93	90	2	48
100	2	75	300	8	25	500	I3	75	700	I9	25	900	24	75
1000	27	50	3000	82	50	5000	I37	50	7000	I92	50	9000	247	50
11		30	31		85	51	I	40	71	I	95	91	2	50
110	3	03	310	8	53	510	I4	03	710	I9	53	910	25	03
1100	30	25	3100	85	25	5100	I40	25	7100	I95	25	9100	250	25
12		33	32		88	52	I	43	72	I	98	92	2	53
120	3	30	320	8	80	520	I4	30	720	I9	80	920	25	30
1200	33	00	3200	88	00	5200	I43	00	7200	I98	00	9200	253	00
13		36	33		91	53	I	46	73	2	01	93	2	56
130	3	58	330	9	08	530	I4	58	730	20	08	930	25	58
1300	35	75	3300	90	75	5300	I45	75	7300	200	75	9300	255	75
14		39	34		94	54	I	49	74	2	04	94	2	59
140	3	85	340	9	35	540	I4	85	740	20	35	940	25	85
1400	38	50	3400	93	50	5400	I48	50	7400	203	50	9400	258	50
15		41	35		96	55	I	51	75	2	06	95	2	61
150	4	13	350	9	63	550	I5	13	750	20	63	950	26	13
1500	41	25	3500	96	25	5500	I51	25	7500	206	25	9500	261	25
16		44	36		99	56	I	54	76	2	09	96	2	64
160	4	40	360	9	90	560	I5	40	760	20	90	960	26	40
1600	44	00	3600	99	00	5600	I54	00	7600	209	00	9600	264	00
17		47	37		102	57	I	57	77	2	12	97	2	67
170	4	68	370	10	18	570	I5	68	770	21	18	970	26	68
1700	46	75	3700	101	75	5700	I56	75	7700	211	75	9700	266	75
18		50	38		105	58	I	60	78	2	15	98	2	70
180	4	95	380	10	45	580	I5	95	780	21	45	980	26	95
1800	49	50	3800	104	50	5800	I59	50	7800	214	50	9800	269	50
19		52	39		107	59	I	62	79	2	17	99	2	72
190	5	23	390	10	73	590	I6	23	790	21	73	990	27	23
1900	52	25	3900	107	25	5900	I62	25	7900	217	25	9900	272	25
20		55	40		110	60	I	65	80	2	20	100	2	75
200	5	50	400	11	00	600	I6	50	800	22	00	1000	27	50
2000	55	00	4000	110	00	6000	I65	00	8000	220	00	10,000	275	00

POUNDS.

2000 POUNDS ONE TON.

\$56.00

\$2.80

\$56.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		59	41	I	15	61	I	71	81	2	27
10		28	210	5	88	410	II	48	610	I7	08	810	22	68
100	2	80	2100	58	80	4100	II4	80	6100	I70	80	8100	226	80
2		06	22		62	42	I	18	62	I	74	82	2	30
20		56	220	6	16	420	II	76	620	I7	36	820	22	96
200	5	60	2200	61	60	4200	II7	60	6200	I73	60	8200	229	60
3		08	23		64	43	I	20	63	I	76	83	2	32
30		84	230	6	44	430	I2	04	630	I7	64	830	23	24
300	8	40	2300	64	40	4300	I20	40	6300	I76	40	8300	232	40
4		11	24		67	44	I	23	64	I	79	84	2	35
40	I	12	240	6	72	440	I2	32	640	I7	92	840	23	52
400	II	20	2400	67	20	4400	I23	20	6400	I79	20	8400	235	20
5		14	25		70	45	I	26	65	I	82	85	2	38
50	I	40	250	7	00	450	I2	60	650	I8	20	850	23	80
500	II4	00	2500	70	00	4500	I26	00	6500	I82	00	8500	238	00
6		17	26		73	46	I	29	66	I	85	86	2	41
60	I	68	260	7	28	460	I2	88	660	I8	48	860	24	08
600	I6	80	2600	72	80	4600	I28	80	6600	I84	80	8600	240	80
7		20	27		75	47	I	32	67	I	88	87	2	44
70	I	96	270	7	56	470	I3	16	670	I8	76	870	24	36
700	I9	60	2700	75	60	4700	I31	60	6700	I87	60	8700	243	60
8		22	28		78	48	I	34	68	I	90	88	2	46
80	2	24	280	7	80	480	I3	44	680	I9	04	880	24	64
800	22	40	2800	78	40	4800	I34	40	6800	I90	40	8800	246	40
9		25	29		81	49	I	37	69	I	93	89	2	49
90	2	52	290	8	12	490	I3	72	690	I9	32	890	24	92
900	25	20	2900	81	20	4900	I37	20	6900	I93	20	8900	249	20
10		28	30		84	50	I	40	70	I	96	90	2	52
100	2	80	300	8	40	500	I4	00	700	I9	60	900	25	20
1000	28	00	3000	84	00	5000	I40	00	7000	I96	00	9000	252	00
11		31	31		87	51	I	43	71	I	98	91	2	55
110	3	08	310	8	68	510	I4	28	710	I9	88	910	25	48
1100	30	80	3100	86	80	5100	I42	80	7100	I98	80	9100	254	80
12		34	32		90	52	I	46	72	2	02	92	2	58
120	3	36	320	8	96	520	I4	56	720	20	16	920	25	76
1200	33	60	3200	89	60	5200	I45	60	7200	20I	60	9200	257	60
13		36	33		92	53	I	48	73	2	04	93	2	60
130	3	64	330	9	24	530	I4	84	730	20	44	930	26	04
1300	36	40	3300	92	40	5300	I48	40	7300	204	40	9300	260	40
14		39	34		95	54	I	51	74	2	07	94	2	63
140	3	92	340	9	52	540	I5	12	740	20	72	940	26	32
1400	39	20	3400	95	20	5400	I51	20	7400	207	20	9400	263	20
15		42	35		98	55	I	54	75	2	10	95	2	66
150	4	20	350	9	80	550	I5	40	750	21	00	950	26	60
1500	42	00	3500	98	00	5500	I54	00	7500	210	00	9500	266	00
16		45	36	I	01	56	I	57	76	2	13	96	2	69
160	4	48	360	10	08	560	I5	68	760	21	28	960	26	88
1600	44	80	3600	100	80	5600	I56	80	7600	212	80	9600	268	80
17		48	37	I	04	57	I	60	77	2	16	97	2	72
170	4	76	370	10	36	570	I5	96	770	21	56	970	27	16
1700	47	60	3700	103	60	5700	I59	60	7700	215	60	9700	271	60
18		50	38	I	06	58	I	62	78	2	18	98	2	74
180	5	04	380	10	64	580	I6	24	780	21	84	980	27	44
1800	50	40	3800	106	40	5800	I62	40	7800	218	40	9800	274	40
19		53	39	I	09	59	I	65	79	2	21	99	2	77
190	5	32	390	10	92	590	I6	52	790	22	12	990	27	72
1900	53	20	3900	109	20	5900	I65	20	7900	221	20	9900	277	20
20		56	40	I	12	60	I	68	80	2	24	100	2	80
200	5	60	400	II	20	600	I6	80	800	22	40	1000	28	00
2000	56	00	4000	II2	00	6000	I68	00	8000	224	00	10,000	280	00

POUNDS.

2000 POUNDS ONE TON.

\$57.00

\$2.85

\$57.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		60	41	I	17	61	I	74	81	2	31
10		29	210	5	99	410	11	69	610	17	39	810	23	09
100	2	85	2100	59	85	4100	116	85	6100	173	85	8100	230	85
2		06	22		63	42	I	20	62	I	77	82	2	34
20		57	220	6	27	420	11	97	620	17	67	820	23	37
200	5	70	2200	62	70	4200	119	70	6200	176	70	8200	233	70
3		09	23		66	43	I	23	63	I	80	83	2	37
30		86	230	6	56	430	12	26	630	17	96	830	23	66
300	8	55	2300	65	55	4300	122	55	6300	179	55	8300	236	55
4		11	24		68	44	I	25	64	I	82	84	2	39
40	I	14	240	6	84	440	12	54	640	18	24	840	23	94
400	11	40	2400	68	40	4400	125	40	6400	182	40	8400	239	40
5		14	25		71	45	I	28	65	I	85	85	2	42
50	I	43	250	7	13	450	12	83	650	18	53	850	24	23
500	14	25	2500	71	25	4500	128	25	6500	185	25	8500	242	25
6		17	26		74	46	I	31	66	I	88	86	2	45
60	I	71	260	7	41	460	13	11	660	18	81	860	24	51
600	17	10	2600	74	10	4600	131	10	6600	188	10	8600	245	10
7		20	27		77	47	I	34	67	I	91	87	2	48
70	2	00	270	7	70	470	13	40	670	19	10	870	24	80
700	19	95	2700	76	95	4700	133	95	6700	190	95	8700	247	95
8		23	28		80	48	I	37	68	I	94	88	2	51
80	2	28	280	7	98	480	13	68	680	19	38	880	25	08
800	22	80	2800	79	80	4800	136	80	6800	193	80	8800	250	80
9		26	29		83	49	I	40	69	I	97	89	2	54
90	2	57	290	8	27	490	13	97	690	19	67	890	25	37
900	25	65	2900	82	65	4900	139	65	6900	196	65	8900	253	65
10		29	30		86	50	I	43	70	2	00	90	2	57
100	2	85	300	8	55	500	14	25	700	19	95	900	25	65
1000	28	50	3000	85	50	5000	142	50	7000	199	50	9000	256	50
11		31	31		88	51	I	45	71	2	02	91	2	59
110	3	14	310	8	84	510	14	54	710	20	24	910	25	94
1100	31	35	3100	88	35	5100	145	35	7100	202	35	9100	259	35
12		34	32		91	52	I	48	72	2	05	92	2	62
120	3	42	320	9	12	520	14	82	720	20	52	920	26	22
1200	34	20	3200	91	20	5200	148	20	7200	205	20	9200	262	20
13		37	33		94	53	I	51	73	2	08	93	2	65
130	3	71	330	9	41	530	15	11	730	20	81	930	26	51
1300	37	05	3300	94	05	5300	151	05	7300	208	05	9300	265	05
14		40	34		97	54	I	54	74	2	11	94	2	68
140	3	99	340	9	69	540	15	39	740	21	09	940	26	79
1400	39	90	3400	96	90	5400	153	90	7400	210	90	9400	267	90
15		43	35		1 00	55	I	57	75	2	14	95	2	71
150	4	28	350	9	98	550	15	68	750	21	38	950	27	08
1500	42	75	3500	99	75	5500	156	75	7500	213	75	9500	270	75
16		46	36		1 03	56	I	60	76	2	17	96	2	74
160	4	56	360	10	26	560	15	96	760	21	66	960	27	36
1600	45	60	3600	102	60	5600	159	60	7600	216	60	9600	273	60
17		48	37		1 05	57	I	62	77	2	19	97	2	76
170	4	85	370	10	55	570	16	25	770	21	95	970	27	65
1700	48	45	3700	105	45	5700	162	45	7700	219	45	9700	276	45
18		51	38		1 08	58	I	65	78	2	22	98	2	79
180	5	13	380	10	83	580	16	53	780	22	23	980	27	93
1800	51	30	3800	108	30	5800	165	30	7800	222	30	9800	279	30
19		54	39		1 11	59	I	68	79	2	25	99	2	82
190	5	42	390	11	12	590	16	82	790	22	52	990	28	22
1900	54	15	3900	111	15	5900	168	15	7900	225	15	9900	282	15
20		57	40		1 14	60	I	71	80	2	28	100	2	85
200	5	70	400	11	40	600	17	10	800	22	80	1000	28	50
2000	57	00	4000	114	00	6000	171	00	8000	228	00	10,000	285	00

POUNDS.

2000 POUNDS ONE TON.

\$58.00			\$2.90			\$58.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		61	41	I	19	61	I	77	81	2	35
10		29	210	6	09	410	11	89	610	17	69	810	23	49
100	2	90	2100	60	90	4100	118	90	6100	176	90	8100	234	90
2		06	22		64	42	I	22	62	I	80	82	2	38
20		58	220	6	38	420	12	18	620	17	98	820	23	78
200	5	80	2200	63	80	4200	121	80	6200	179	80	8200	237	80
3		09	23		67	43	I	25	63	I	83	83	2	41
30		87	230	6	67	430	12	47	630	18	27	830	24	07
300	8	70	2300	66	70	4300	124	70	6300	182	70	8300	240	70
4		12	24		70	44	I	28	64	I	86	84	2	44
40	I	16	240	6	96	440	12	76	640	18	56	840	24	36
400	11	60	2400	69	60	4400	127	60	6400	185	60	8400	243	60
5		15	25		73	45	I	31	65	I	89	85	2	47
50	I	45	250	7	25	450	13	05	650	18	85	850	24	65
500	14	50	2500	72	50	4500	130	50	6500	188	50	8500	246	50
6		17	26		75	46	I	33	66	I	91	86	2	49
60	I	74	260	7	54	460	13	34	660	19	14	860	24	94
600	17	40	2600	75	40	4600	133	40	6600	191	40	8600	249	40
7		20	27		78	47	I	36	67	I	94	87	2	52
70	2	03	270	7	83	470	13	63	670	19	43	870	25	23
700	20	30	2700	78	30	4700	136	30	6700	194	30	8700	252	30
8		23	28		81	48	I	39	68	I	97	88	2	55
80	2	32	280	8	12	480	13	92	680	19	72	880	25	52
800	23	20	2800	81	20	4800	139	20	6800	197	20	8800	255	20
9		26	29		84	49	I	42	69	2	00	89	2	58
90	2	61	290	8	41	490	14	21	690	20	01	890	25	81
900	26	10	2900	84	10	4900	142	10	6900	200	10	8900	258	10
10		29	30		87	50	I	45	70	2	03	90	2	61
100	2	90	300	8	70	500	14	50	700	20	30	900	26	10
1000	29	00	3000	87	00	5000	145	00	7000	203	00	9000	261	00
11		32	31		90	51	I	49	71	2	06	91	2	64
110	3	19	310	8	99	510	14	79	710	20	59	910	26	39
1100	31	90	3100	89	90	5100	147	90	7100	205	90	9100	263	90
12		35	32		93	52	I	51	72	2	09	92	2	67
120	3	48	320	9	28	520	15	08	720	20	98	920	26	68
1200	34	80	3200	92	80	5200	150	80	7200	208	80	9200	266	80
13		38	33		96	53	I	54	73	2	12	93	2	70
130	3	77	330	9	57	530	15	37	730	21	17	930	26	97
1300	37	70	3300	95	70	5300	153	70	7300	211	70	9300	269	70
14		41	34		99	54	I	57	74	2	15	94	2	73
140	4	06	340	9	86	540	15	66	740	21	46	940	27	26
1400	40	60	3400	98	60	5400	156	60	7400	214	60	9400	272	60
15		44	35	I	02	55	I	60	75	2	18	95	2	76
150	4	35	350	10	15	550	15	95	750	21	75	950	27	55
1500	43	50	3500	101	50	5500	159	50	7500	217	50	9500	275	50
16		46	36	I	04	56	I	62	76	2	20	96	2	78
160	4	64	360	10	44	560	16	24	760	22	04	960	27	84
1600	46	40	3600	104	40	5600	162	40	7600	220	40	9600	278	40
17		49	37	I	07	57	I	65	77	2	23	97	2	81
170	4	93	370	10	73	570	16	53	770	22	33	970	28	13
1700	49	30	3700	107	30	5700	165	30	7700	223	30	9700	281	30
18		52	38	I	10	58	I	68	78	2	26	98	2	84
180	5	22	380	11	02	580	16	82	780	22	62	980	28	42
1800	52	20	3800	110	20	5800	168	20	7800	226	20	9800	284	20
19		55	39	I	13	59	I	71	79	2	29	99	2	87
190	5	51	390	11	31	590	17	11	790	22	91	990	28	71
1900	55	10	3900	113	10	5900	171	10	7900	229	10	9900	287	10
20		58	40	I	16	60	I	74	80	2	32	100	2	90
200	5	80	400	11	60	600	17	40	800	23	20	1000	29	00
2000	58	00	4000	116	00	6000	174	00	8000	232	00	10,000	290	00

2000 POUNDS ONE TON.

\$59.00						\$2.95						\$59.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		62	41	I	21	61	I	80	81	2	39
10		30	210	6	20	410	12	10	610	18	00	810	23	90
100	2	95	2100	61	95	4100	120	95	6100	179	95	8100	238	95
2		06	22		65	42	I	24	62	I	83	82	2	42
20		59	220	6	49	420	12	39	620	18	29	820	24	19
200	5	90	2200	64	90	4200	123	90	6200	182	90	8200	241	90
3		09	23		68	43	I	27	63	I	86	83	2	45
30		89	230	6	79	430	12	69	630	18	59	830	24	49
300	8	35	2300	67	85	4300	126	85	6300	185	85	8300	244	85
4		12	24		71	44	I	30	64	I	89	84	2	49
40	I	18	240	7	08	440	12	98	640	18	88	840	24	78
400	11	80	2400	70	80	4400	129	80	6400	188	80	8400	247	80
5		15	25		74	45	I	33	65	I	92	85	2	51
50	I	48	250	7	38	450	13	28	650	19	18	850	25	08
500	14	75	2500	73	75	4500	132	75	6500	191	75	8500	250	75
6		18	26		77	46	I	36	66	I	95	86	2	54
60	I	77	260	7	67	460	13	57	660	19	47	860	25	37
600	17	70	2600	76	70	4600	135	70	6600	194	70	8600	253	70
7		21	27		80	47	I	39	67	I	98	87	2	57
70	2	07	270	7	97	470	13	87	670	19	77	870	25	67
700	20	65	2700	79	65	4700	138	65	6700	197	65	8700	256	65
8		24	28		83	48	I	42	68	2	01	88	2	60
80	2	36	280	8	26	480	14	16	680	20	06	880	25	96
800	23	60	2800	82	60	4800	141	60	6800	200	60	8800	259	60
9		27	29		86	49	I	45	69	2	04	89	2	63
90	2	66	290	8	56	490	14	46	690	20	36	890	26	26
900	26	55	2900	85	55	4900	144	55	6900	203	55	8900	262	55
10		30	30		89	50	I	48	70	2	07	90	2	66
100	2	95	300	8	85	500	14	75	700	20	65	900	26	55
1000	29	50	3000	88	50	5000	147	50	7000	206	50	9000	265	50
11		32	31		91	51	I	50	71	2	09	91	2	68
110	3	25	310	9	15	510	15	05	710	20	95	910	26	85
1100	32	45	3100	91	45	5100	150	45	7100	209	45	9100	268	45
12		35	32		94	52	I	53	72	2	12	92	2	71
120	3	54	320	9	44	520	15	34	720	21	24	920	27	14
1200	35	40	3200	94	40	5200	153	40	7200	212	40	9200	271	40
13		38	33		97	53	I	56	73	2	15	93	2	74
130	3	84	330	9	74	530	15	64	730	21	54	930	27	44
1300	38	35	3300	97	35	5300	156	35	7300	215	35	9300	274	35
14		41	34		1 00	54	I	59	74	2	18	94	2	77
140	4	13	340	10	03	540	15	93	740	21	83	940	27	73
1400	41	30	3400	100	30	5400	159	30	7400	218	30	9400	277	30
15		44	35		1 03	55	I	62	75	2	21	95	2	80
150	4	43	350	10	33	550	16	23	750	22	13	950	28	03
1500	44	25	3500	103	25	5500	162	25	7500	221	25	9500	280	25
16		47	36		1 06	56	I	65	76	2	24	96	2	83
160	4	72	360	10	62	560	16	52	760	22	42	960	28	32
1600	47	20	3600	106	20	5600	165	20	7600	224	20	9600	283	20
17		50	37		1 09	57	I	68	77	2	27	97	2	86
170	5	02	370	10	92	570	16	82	770	22	72	970	28	62
1700	50	15	3700	109	15	5700	168	15	7700	227	15	9700	286	15
18		53	38		1 12	58	I	71	78	2	30	98	2	89
180	5	31	380	11	21	580	17	11	780	23	01	980	28	91
1800	53	10	3800	112	10	5800	171	10	7800	230	10	9800	289	10
19		56	39		1 15	59	I	74	79	2	33	99	2	92
190	5	61	390	11	51	590	17	41	790	23	31	990	29	21
1900	56	05	3900	115	05	5900	174	05	7900	233	05	9900	292	05
20		59	40		1 18	60	I	77	80	2	36	100	2	95
200	5	90	400	11	80	600	17	70	800	23	60	1000	29	50
2000	59	00	4000	118	00	6000	177	00	8000	236	00	10,000	295	00

POUNDS.

2000 POUNDS ONE TON.

\$60.00						\$3.00						\$60.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		63	41	1	23	61	1	83	81	2	43
10		30	210	6	30	410	12	30	610	18	30	810	24	30
100	3	00	2100	63	00	4100	123	00	6100	183	00	8100	243	00
2		06	22		66	42	1	26	62	1	86	82	2	46
20		60	220	6	60	420	12	60	620	18	60	820	24	60
200	6	00	2200	66	00	4200	126	00	6200	186	00	8200	246	00
3		09	23		69	43	1	29	63	1	89	83	2	49
30		90	230	6	90	430	12	90	630	18	90	830	24	90
300	9	00	2300	69	00	4300	129	00	6300	189	00	8300	249	00
4		12	24		72	44	1	32	64	1	92	84	2	52
40	1	20	240	7	20	440	13	20	640	19	20	840	25	20
400	12	00	2400	72	00	4400	132	00	6400	192	00	8400	252	00
5		15	25		75	45	1	35	65	1	95	85	2	55
50	1	50	250	7	50	450	13	50	650	19	50	850	25	50
500	15	00	2500	75	00	4500	135	00	6500	195	00	8500	255	00
6		18	26		78	46	1	38	66	1	98	86	2	58
60	1	80	260	7	80	460	13	80	660	19	80	860	25	80
600	18	00	2600	78	00	4600	138	00	6600	198	00	8600	258	00
7		21	27		81	47	1	41	67	2	01	87	2	61
70	2	10	270	8	10	470	14	10	670	20	10	870	26	10
700	21	00	2700	81	00	4700	141	00	6700	201	00	8700	261	00
8		24	28		84	48	1	44	68	2	04	88	2	64
80	2	40	280	8	40	480	14	40	680	20	40	880	26	40
800	24	00	2800	84	00	4800	144	00	6800	204	00	8800	264	00
9		27	29		87	49	1	47	69	2	07	89	2	67
90	2	70	290	8	70	490	14	70	690	20	70	890	26	70
900	27	00	2900	87	00	4900	147	00	6900	207	00	8900	267	00
10		30	30		90	50	1	50	70	2	10	90	2	70
100	3	00	300	9	00	500	15	00	700	21	00	900	27	00
1000	30	00	3000	90	00	5000	150	00	7000	210	00	9000	270	00
11		33	31		93	51	1	53	71	2	13	91	2	73
110	3	30	310	9	30	510	15	30	710	21	30	910	27	30
1100	33	00	3100	93	00	5100	153	00	7100	213	00	9100	273	00
12		36	32		96	52	1	56	72	2	16	92	2	76
120	3	60	320	9	60	520	15	60	720	21	60	920	27	60
1200	36	00	3200	96	00	5200	156	00	7200	216	00	9200	276	00
13		39	33		99	53	1	59	73	2	19	93	2	79
130	3	90	330	9	90	530	15	90	730	21	90	930	27	90
1300	39	00	3300	99	00	5300	159	00	7300	219	00	9300	279	00
14		42	34		102	54	1	62	74	2	22	94	2	82
140	4	20	340	10	20	540	16	20	740	22	20	940	28	20
1400	42	00	3400	102	00	5400	162	00	7400	222	00	9400	282	00
15		45	35		105	55	1	65	75	2	25	95	2	85
150	4	50	350	10	50	550	16	50	750	22	50	950	28	50
1500	45	00	3500	105	00	5500	165	00	7500	225	00	9500	285	00
16		48	36		108	56	1	68	76	2	28	96	2	88
160	4	80	360	10	80	560	16	80	760	22	80	960	28	80
1600	48	00	3600	108	00	5600	168	00	7600	228	00	9600	288	00
17		51	37		111	57	1	71	77	2	31	97	2	91
170	5	10	370	11	10	570	17	10	770	23	10	970	29	10
1700	51	00	3700	111	00	5700	171	00	7700	231	00	9700	291	00
18		54	38		114	58	1	74	78	2	34	98	2	94
180	5	40	380	11	40	580	17	40	780	23	40	980	29	40
1800	54	00	3800	114	00	5800	174	00	7800	234	00	9800	294	00
19		57	39		117	59	1	77	79	2	37	99	2	97
190	5	70	390	11	70	590	17	70	790	23	70	990	29	70
1900	57	00	3900	117	00	5900	177	00	7900	237	00	9900	297	00
20		60	40		120	60	1	80	80	2	40	100	3	00
200	6	00	400	12	00	600	18	00	800	24	00	1000	30	00
2000	60	00	4000	120	00	6000	180	00	8000	240	00	10,000	300	00

POUNDS.

2000 POUNDS ONE TON.

\$61.00			\$3.05			\$61.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		64	41	I	25
10		3I	210	6	4I	410	I2	5I
100	3	05	2100	64	05	4100	I25	05
2		06	22		67	42	I	28
20		6I	220	6	7I	420	I2	8I
200	6	IO	2200	67	IO	4200	I28	IO
3		09	23		70	43	I	3I
30		92	230	7	02	430	I3	I2
300	9	IS	2300	70	IS	4300	I3I	IS
4		I2	24		73	44	I	34
40	I	22	240	7	32	440	I3	42
400	I2	20	2400	73	20	4400	I34	20
5		IS	25		76	45	I	37
50	I	53	250	7	63	450	I3	73
500	IS	25	2500	76	25	4500	I37	25
6		IS	26		79	46	I	40
60	I	83	260	7	93	460	I4	03
600	IS	30	2600	79	30	4600	I40	30
7		2I	27		82	47	I	43
70	2	I4	270	8	24	470	I4	34
700	2I	35	2700	82	35	4700	I43	35
8		24	28		85	48	I	46
80	2	44	280	8	54	480	I4	64
800	24	40	2800	85	40	4800	I46	40
9		27	29		88	49	I	49
90	2	75	290	8	85	490	I4	95
900	27	45	2900	88	45	4900	I49	45
10		3I	30		92	50	I	53
100	3	05	300	9	IS	500	I5	25
1000	30	50	3000	9I	50	5000	I52	50
11		34	31		95	51	I	56
110	3	36	310	9	46	510	I5	56
1100	33	55	3100	94	55	5100	I55	55
12		37	32		98	52	I	59
120	3	66	320	9	76	520	I5	86
1200	36	60	3200	97	60	5200	I58	60
13		40	33	I	0I	53	I	62
130	3	97	330	IO	07	530	I6	17
1300	39	65	3300	IO0	05	5300	I6I	65
14		43	34	I	04	54	I	65
140	4	27	340	IO	37	540	I6	47
1400	42	70	3400	IO3	70	5400	I64	70
15		48	35	I	07	55	I	68
150	4	58	350	IO	68	550	I6	78
1500	45	75	3500	IO6	75	5500	I67	75
16		49	36	I	IO	56	I	71
160	4	88	360	IO	98	560	I7	08
1600	48	80	3600	IO9	80	5600	I70	80
17		52	37	I	I3	57	I	74
170	5	19	370	II	29	570	I7	39
1700	5I	85	3700	II2	85	5700	I73	85
18		55	38	I	I6	58	I	77
180	5	49	380	II	59	580	I7	69
1800	54	90	3800	II5	90	5800	I76	90
19		58	39	I	I9	59	I	80
190	5	80	390	II	90	590	I8	00
1900	57	95	3900	II8	95	5900	I79	95
20		6I	40	I	22	60	I	83
200	6	IO	400	I2	20	600	I8	30
2000	6I	00	4000	I22	00	6000	I83	00
61		03	81		2	47		
610	I8	6I	810	24	7I			
6100	I86	05	8100	247	05			
62	I	89	82	2	50			
620	I8	9I	820	25	0I			
6200	I89	IO	8200	250	IO			
63	I	92	83	2	53			
630	I9	22	830	25	32			
6300	I92	IS	8300	253	IS			
64	I	95	84	2	56			
640	I9	52	840	25	62			
6400	I95	20	8400	256	20			
65	I	98	85	2	59			
650	I9	83	850	25	93			
6500	I98	25	8500	259	25			
66	2	0I	86	2	62			
660	20	I3	860	26	23			
6600	20I	30	8600	262	30			
67	2	04	87	2	65			
670	20	44	870	26	54			
6700	204	35	8700	265	35			
68	2	07	88	2	68			
680	20	74	880	26	84			
6800	207	40	8800	268	40			
69	2	IO	89	2	7I			
690	2I	05	890	27	IS			
6900	2IO	45	8900	27I	45			
70	2	I4	90	2	75			
700	2I	35	900	27	45			
7000	2I3	50	9000	274	50			
71	2	I7	91	2	78			
710	2I	64	910	27	76			
7100	2I6	55	9100	277	55			
72	2	20	92	2	8I			
720	2I	96	920	28	06			
7200	2I9	60	9200	280	60			
73	2	23	93	2	84			
730	22	27	930	28	37			
7300	222	65	9300	283	65			
74	2	26	94	2	87			
740	22	57	940	28	67			
7400	225	70	9400	286	70			
75	2	29	95	2	90			
750	22	88	950	28	98			
7500	228	75	9500	289	75			
76	2	32	96	2	93			
760	23	18	960	29	28			
7600	23I	80	9600	292	80			
77	2	35	97	2	96			
770	23	49	970	29	59			
7700	234	85	9700	295	85			
78	2	38	98	2	99			
780	23	79	980	29	89			
7800	237	90	9800	298	90			
79	2	4I	99	3	02			
790	24	IO	990	30	19			
7900	240	95	9900	30I	95			
80	2	44	100	3	05			
800	24	40	1000	30	50			
8000	244	00	10,000	305	00			

POUNDS.

2000 POUNDS ONE TON.

\$62.00

\$3.10

\$62.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		65	41	1	27	61	1	89	81	2	51
10		31	210	6	51	410	12	71	610	18	91	810	25	11
100	3	10	2100	65	10	4100	127	10	6100	189	10	8100	251	10
2		06	22		68	42	1	30	62	1	92	82	2	54
20		62	220	6	82	420	13	02	620	19	22	820	25	42
200	6	20	2200	68	20	4200	130	20	6200	192	20	8200	254	20
3		09	23		71	43	1	33	63	1	95	83	2	57
30		93	230	7	13	430	13	33	630	19	53	830	25	73
300	9	30	2300	71	30	4300	133	30	6300	195	30	8300	257	30
4		12	24		74	44	1	36	64	1	98	84	2	60
40	1	24	240	7	44	440	13	64	640	19	84	840	26	04
400	12	40	2400	74	40	4400	136	40	6400	198	40	8400	260	40
5		16	25		78	45	1	40	65	2	02	85	2	64
50	1	55	250	7	75	450	13	95	650	20	15	850	26	35
500	15	50	2500	77	50	4500	139	50	6500	201	50	8500	263	50
6		19	26		81	46	1	43	66	2	05	86	2	67
60	1	86	260	8	06	460	14	26	660	20	46	860	26	56
600	18	60	2600	80	60	4600	142	60	6600	204	60	8600	256	60
7		22	27		84	47	1	46	67	2	08	87	2	70
70	2	17	270	8	37	470	14	57	670	20	77	870	26	97
700	21	70	2700	83	70	4700	145	70	6700	207	70	8700	269	70
8		25	28		87	48	1	49	68	2	11	88	2	73
80	2	48	280	8	68	480	14	88	680	21	08	880	27	28
800	24	80	2800	86	80	4800	148	80	6800	210	80	8800	272	80
9		28	29		90	49	1	52	69	2	14	89	2	76
90	2	79	290	8	99	490	15	19	690	21	39	890	27	59
900	27	90	2900	89	90	4900	151	90	6900	213	90	8900	275	90
10		31	30		93	50	1	55	70	2	17	90	2	79
100	3	10	300	9	30	500	15	50	700	21	70	900	27	90
1000	31	00	3000	93	00	5000	155	00	7000	217	00	9000	279	00
11		34	31		96	51	1	58	71	2	20	91	2	82
110	3	41	310	9	01	510	15	81	710	22	01	910	28	21
1100	34	10	3100	96	10	5100	158	10	7100	220	10	9100	282	10
12		37	32		99	52	1	61	72	2	23	92	2	85
120	3	72	320	9	92	520	16	12	720	22	32	920	28	52
1200	37	20	3200	99	20	5200	161	20	7200	223	20	9200	285	20
13		40	33		1	53	1	64	73	2	26	93	2	88
130	4	03	330	10	23	530	16	43	730	22	63	930	28	83
1300	40	30	3300	102	30	5300	164	30	7300	226	30	9300	288	30
14		43	34		1	54	1	67	74	2	29	94	2	91
140	4	34	340	10	54	540	16	74	740	22	94	940	29	14
1400	43	40	3400	105	40	5400	167	40	7400	229	40	9400	291	40
15		47	35		1	55	1	71	75	2	33	95	2	95
150	4	65	350	10	85	550	17	05	750	23	25	950	29	45
1500	46	50	3500	108	50	5500	170	50	7500	232	50	9500	294	50
16		50	36		1	56	1	74	76	2	36	96	2	98
160	4	96	360	11	16	560	17	36	760	23	56	960	29	76
1600	49	60	3600	111	60	5600	173	60	7600	235	60	9600	297	60
17		53	37		1	57	1	77	77	2	39	97	3	01
170	5	27	370	11	47	570	17	67	770	23	87	970	30	07
1700	52	70	3700	114	70	5700	176	70	7700	238	70	9700	300	70
18		56	38		1	58	1	80	78	2	42	98	3	04
180	5	58	380	11	78	580	17	98	780	24	18	980	30	38
1800	55	80	3800	117	80	5800	179	80	7800	241	80	9800	303	80
19		59	39		1	59	1	83	79	2	45	99	3	07
190	5	89	390	12	09	590	18	29	790	24	49	990	30	69
1900	58	90	3900	120	90	5900	182	90	7900	244	90	9900	306	90
20		62	40		1	60	1	86	80	2	48	100	3	10
200	6	20	400	12	40	600	18	60	800	24	80	1000	31	00
2000	62	00	4000	124	00	6000	186	00	8000	248	00	10,000	310	00

POUNDS.

2000 POUNDS ONE TON.

\$63.00

\$3.15

\$63.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		66	41	1	29	61	1	92	81	2	55
10		32	210	5	62	410	12	92	610	19	22	810	25	52
100	3	15	2100	66	15	4100	129	15	6100	192	15	8100	255	15
2		06	22		69	42	1	32	62	1	95	82	2	58
20		63	220	6	93	420	13	23	620	19	53	820	25	83
200	6	30	2200	69	30	4200	132	30	6200	195	30	8200	258	30
3		09	23		72	43	1	35	63	1	98	83	2	61
30		95	230	7	25	430	13	55	630	19	85	830	26	15
300	9	45	2300	72	45	4300	135	45	6300	198	45	8300	261	45
4		13	24		70	44	1	39	64	2	02	84	2	65
40	1	26	240	7	55	440	13	86	640	20	16	840	26	46
400	12	60	2400	75	60	4400	138	60	6400	201	60	8400	264	60
5		16	25		79	45	1	42	65	2	05	85	2	68
50	1	58	250	7	88	450	14	18	650	20	48	850	26	78
500	15	75	2500	78	75	4500	141	75	6500	204	75	8500	267	75
6		19	26		82	46	1	45	66	2	08	86	2	71
60	1	89	260	8	19	460	14	49	660	20	79	860	27	09
600	18	90	2600	81	90	4600	144	90	6600	207	90	8600	270	90
7		22	27		85	47	1	48	67	2	11	87	2	74
70	2	21	270	8	51	470	14	81	670	21	11	870	27	41
700	22	05	2700	85	05	4700	148	05	6700	211	05	8700	274	05
8		25	28		88	48	1	51	68	2	14	88	2	77
80	2	52	280	8	82	480	15	12	680	21	42	880	27	72
800	25	20	2800	88	20	4800	151	20	6800	214	20	8800	277	20
9		28	29		91	49	1	54	69	2	17	89	2	80
90	2	84	290	9	14	490	15	44	690	21	74	890	28	04
900	28	35	2900	91	35	4900	154	35	6900	217	35	8900	280	35
10		32	30		95	50	1	58	70	2	21	90	2	84
100	3	15	300	9	45	500	15	75	700	22	05	900	28	35
1000	31	50	3000	94	50	5000	157	50	7000	220	50	9000	283	50
11		35	31		98	51	1	61	71	2	24	91	2	87
110	3	47	310	9	77	510	16	07	710	22	37	910	28	67
1100	34	65	3100	97	65	5100	160	65	7100	223	65	9100	286	65
12		38	32		101	52	1	64	72	2	27	92	2	90
120	3	78	320	10	08	520	16	38	720	22	68	920	28	98
1200	37	80	3200	100	80	5200	163	80	7200	226	80	9200	289	80
13		41	33		104	53	1	67	73	2	30	93	2	93
130	4	10	330	10	40	530	16	70	730	23	00	930	29	30
1300	40	95	3300	103	95	5300	166	95	7300	229	95	9300	292	95
14		44	34		107	54	1	70	74	2	33	94	2	96
140	4	41	340	10	71	540	17	01	740	23	31	940	29	61
1400	44	10	3400	107	10	5400	170	10	7400	233	10	9400	296	10
15		47	35		110	55	1	73	75	2	36	95	2	99
150	4	73	350	10	03	550	17	33	750	23	63	950	29	93
1500	47	25	3500	110	25	5500	173	25	7500	236	25	9500	299	25
16		50	36		113	56	1	76	76	2	39	96	3	02
160	5	04	360	11	34	560	17	64	760	23	94	960	30	24
1600	50	40	3600	113	40	5600	176	40	7600	239	40	9600	302	40
17		54	37		116	57	1	80	77	2	43	97	3	06
170	5	36	370	11	66	570	17	96	770	24	26	970	30	56
1700	53	55	3700	116	55	5700	179	55	7700	242	55	9700	305	55
18		57	38		119	58	1	83	78	2	46	98	3	09
180	5	67	380	11	97	580	18	27	780	24	57	980	30	87
1800	56	70	3800	119	70	5800	182	70	7800	245	70	9800	308	70
19		60	39		122	59	1	86	79	2	49	99	3	12
190	5	99	390	12	29	590	18	59	790	24	89	990	31	19
1900	59	85	3900	122	85	5900	185	85	7900	248	85	9900	311	85
20		63	40		125	60	1	89	80	2	52	100	3	15
200	6	30	400	12	60	600	18	90	800	25	20	1000	31	50
2000	63	00	4000	125	00	6000	189	00	8000	252	00	10,000	315	00

POUNDS.

2000 POUNDS ONE TON.

\$64.00						\$3.20						\$64.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		67	41	1	31	61	1	95	81	2	59
10		32	210	6	72	410	13	12	610	19	52	810	25	92
100	3	20	2100	67	20	4100	131	20	6100	195	20	8100	259	20
2		06	22		70	42	1	34	62	1	98	82	2	62
20		64	220	7	04	420	13	44	620	19	84	820	26	24
200	6	40	2200	70	40	4200	134	40	6200	198	40	8200	262	40
3		10	23		74	43	1	38	63	2	02	83	2	66
30		96	230	7	36	430	13	76	630	20	16	830	26	56
300	9	60	2300	73	60	4300	137	60	6300	201	60	8300	265	60
4		13	24		77	44	1	41	64	2	05	84	2	69
40	1	28	240	7	68	440	14	08	640	20	48	840	26	88
400	12	80	2400	76	80	4400	140	80	6400	204	80	8400	268	80
5		16	25		80	45	1	44	65	2	08	85	2	72
50	1	60	250	8	00	450	14	40	650	20	80	850	27	20
500	16	00	2500	80	00	4500	144	00	6500	208	00	8500	272	00
6		19	26		83	46	1	47	66	2	11	86	2	75
60	1	92	260	8	32	460	14	72	660	21	12	860	27	52
600	19	20	2600	83	20	4600	147	20	6600	211	20	8600	275	20
7		22	27		86	47	1	50	67	2	14	87	2	78
70	2	24	270	8	64	470	15	04	670	21	44	870	27	84
700	22	40	2700	86	40	4700	150	40	6700	214	40	8700	278	40
8		26	28		90	48	1	54	68	2	18	88	2	82
80	2	56	280	8	96	480	15	36	680	21	76	880	28	16
800	25	60	2800	89	60	4800	153	60	6800	217	60	8800	281	60
9		29	29		93	49	1	57	69	2	21	89	2	85
90	2	38	290	9	28	490	15	68	690	22	08	890	28	48
900	28	80	2900	92	80	4900	156	80	6900	220	80	8900	284	80
10		32	30		96	50	1	60	70	2	24	90	2	88
100	3	20	300	9	60	500	16	00	700	22	40	900	28	80
1000	32	00	3000	96	00	5000	160	00	7000	224	00	9000	288	00
11		35	31		99	51	1	63	71	2	27	91	2	91
110	3	52	310	9	92	510	16	32	710	22	72	910	29	12
1100	35	20	3100	99	20	5100	163	20	7100	227	20	9100	291	20
12		38	32		1	02	52	1	66	2	30	92	2	94
120	3	84	320	10	24	520	16	64	720	23	04	920	29	44
1200	38	40	3200	102	40	5200	166	40	7200	230	40	9200	294	40
13		42	33		1	06	53	1	70	2	34	93	2	98
130	4	16	330	10	56	530	16	96	730	23	36	930	29	76
1300	41	60	3300	105	60	5300	169	60	7300	233	60	9300	297	60
14		45	34		1	09	54	1	73	2	37	94	3	01
140	4	48	340	10	88	540	17	28	740	23	68	940	30	08
1400	44	80	3400	108	80	5400	172	80	7400	236	80	9400	300	80
15		48	35		1	12	55	1	76	2	40	95	3	04
150	4	80	350	11	20	550	17	60	750	24	00	950	30	40
1500	48	00	3500	112	00	5500	176	00	7500	240	00	9500	304	00
16		51	36		1	15	56	1	79	2	43	96	3	07
160	5	12	360	11	52	560	17	92	760	24	32	960	30	72
1600	51	20	3600	115	20	5600	179	20	7600	243	20	9600	307	20
17		54	37		1	18	57	1	82	2	46	97	3	10
170	5	44	370	11	84	570	18	24	770	24	64	970	31	04
1700	54	40	3700	118	40	5700	182	40	7700	246	40	9700	310	40
18		58	38		1	22	58	1	86	2	50	98	3	14
180	5	76	380	12	16	580	18	56	780	24	96	980	31	36
1800	57	60	3800	121	60	5800	185	60	7800	249	60	9800	313	60
19		61	39		1	25	59	1	89	2	53	99	3	17
190	6	08	390	12	48	590	18	88	790	25	28	990	31	68
1900	60	80	3900	124	80	5900	188	80	7900	252	80	9900	316	80
20		64	40		1	28	60	1	92	2	56	100	3	20
200	6	40	400	12	80	600	19	20	800	25	60	1000	32	00
2000	64	00	4000	128	00	6000	192	00	8000	256	00	10,000	320	00

POUNDS.

2000 POUNDS ONE TON.

\$65.00

\$3.25

\$65.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		68	41	I	33	61	I	98	81	2	63
10		33	210	6	83	410	I3	33	610	I9	83	810	26	33
100	3	25	2100	68	25	4100	I33	25	6100	I98	25	8100	263	25
2		07	22		72	42	I	37	62	2	02	82	2	67
20		65	220	7	15	420	I3	65	620	20	15	820	26	65
200	6	50	2200	71	50	4200	I36	50	6200	201	50	8200	266	50
3		10	23		75	43	I	40	63	2	05	83	2	70
30		98	230	7	48	430	I3	98	630	20	48	830	26	98
300	9	75	2300	74	75	4300	I39	75	6300	204	75	8300	269	75
4		13	24		78	44	I	43	64	2	08	84	2	73
40	I	30	240	7	80	440	I4	30	640	20	80	840	27	30
400	I3	00	2400	78	00	4400	I43	00	6400	208	00	8400	273	00
5		16	25		81	45	I	46	65	2	11	85	2	76
50	I	63	250	8	13	450	I4	63	650	21	13	850	27	63
500	I6	25	2500	81	25	4500	I46	25	6500	211	25	8500	276	25
6		20	26		85	46	I	50	66	2	15	86	2	80
60	I	95	260	8	45	460	I4	95	660	21	45	860	27	95
600	I9	50	2600	84	50	4600	I49	50	6600	214	50	8600	279	50
7		23	27		88	47	I	53	67	2	18	87	2	83
70	2	28	270	8	77	470	I5	28	670	21	78	870	28	29
700	22	75	2700	87	75	4700	I52	75	6700	217	75	8700	282	75
8		26	28		91	48	I	56	68	2	21	88	2	86
80	2	60	280	9	10	480	I5	60	680	22	10	880	28	60
800	26	00	2800	91	00	4800	I56	00	6800	221	00	8800	286	00
9		29	29		94	49	I	59	69	2	24	89	2	89
90	2	93	290	9	43	490	I5	93	690	22	43	890	28	93
900	29	25	2900	94	25	4900	I59	25	6900	224	25	8900	289	25
10		33	30		98	50	I	63	70	2	28	90	2	93
100	3	25	300	9	75	500	I6	25	700	22	75	900	29	25
1000	32	50	3000	97	50	5000	I62	50	7000	227	50	9000	292	50
11		36	31	I	01	51	I	66	71	2	31	91	2	96
110	3	58	310	I0	08	510	I6	58	710	23	08	910	29	58
1100	35	75	3100	I00	75	5100	I65	75	7100	230	75	9100	295	75
12		39	32	I	04	52	I	69	72	2	34	92	2	99
120	3	90	320	I0	40	520	I6	90	720	23	40	920	29	90
1200	39	00	3200	I04	00	5200	I69	00	7200	234	00	9200	299	00
13		42	33	I	07	53	I	72	73	2	37	93	3	02
130	4	23	330	I0	73	530	I7	23	730	23	73	930	30	23
1300	42	25	3300	I07	25	5300	I72	25	7300	237	25	9300	302	25
14		46	34	I	11	54	I	76	74	2	41	94	3	06
140	4	55	340	I1	05	540	I7	55	740	24	05	940	30	55
1400	45	50	3400	I10	50	5400	I75	50	7400	240	50	9400	305	50
15		49	35	I	14	55	I	79	75	2	44	95	3	09
150	4	88	350	I1	38	550	I7	88	750	24	38	950	30	88
1500	48	75	3500	I13	75	5500	I78	75	7500	243	75	9500	308	75
16		52	36	I	17	56	I	82	76	2	47	96	3	12
160	5	20	360	I1	70	560	I8	20	760	24	70	960	31	20
1600	52	00	3600	I17	00	5600	I82	00	7600	247	00	9600	312	00
17		55	37	I	20	57	I	85	77	2	50	97	3	15
170	5	53	370	I2	03	570	I8	53	770	25	03	970	31	53
1700	55	25	3700	I20	25	5700	I85	25	7700	250	25	9700	315	25
18		59	38	I	24	58	I	89	78	2	54	98	3	19
180	5	85	380	I2	35	580	I8	85	780	25	35	980	31	85
1800	58	50	3800	I23	50	5800	I88	50	7800	253	50	9800	318	50
19		62	39	I	27	59	I	92	79	2	57	99	3	22
190	6	18	390	I2	68	590	I9	18	790	25	68	990	32	18
1900	61	75	3900	I26	75	5900	I91	75	7900	256	75	9900	321	75
20		65	40	I	30	60	I	95	80	2	60	100	3	25
200	6	50	400	I3	00	600	I9	50	800	26	00	1000	32	50
2000	65	00	4000	I30	00	6000	I95	00	8000	260	00	10,000	325	00

POUNDS.

2000 POUNDS ONE TON.

\$66.00			\$3.30			\$66.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		69	41	1	35	61	2	01	81	2	67
10		33	210	6	93	410	13	53	610	20	13	810	26	73
100	3	30	2100	69	30	4100	135	30	6100	201	30	8100	267	30
2		07	22		73	42	1	39	62	2	05	82	2	71
20		66	220	7	26	420	13	86	620	20	46	820	27	06
200	6	60	2200	72	60	4200	138	60	6200	204	60	8200	270	60
3		10	23		76	43	1	42	63	2	08	83	2	74
30		99	230	7	59	430	14	19	630	20	79	830	27	39
300	9	90	2300	75	90	4300	141	90	6300	207	90	8300	273	90
4		13	24		79	44	1	45	64	2	11	84	2	77
40	1	32	240	7	92	440	14	52	640	21	12	840	27	72
400	13	20	2400	79	20	4400	145	20	6400	211	20	8400	277	20
5		17	25		83	45	1	49	65	2	15	85	2	81
50	1	65	250	8	25	450	14	85	650	21	45	850	28	05
500	16	50	2500	82	50	4500	148	50	6500	214	50	8500	280	50
6		20	26		86	46	1	52	66	2	18	86	2	84
60	1	98	260	8	58	460	15	18	660	21	78	860	28	38
600	19	80	2600	85	80	4600	151	80	6600	217	80	8600	283	80
7		23	27		89	47	1	55	67	2	21	87	2	87
70	2	31	270	8	91	470	15	51	670	22	11	870	28	71
700	23	10	2700	89	10	4700	155	10	6700	221	10	8700	287	10
8		26	28		92	48	1	58	68	2	24	88	2	90
80	2	64	280	9	24	480	15	84	680	22	44	880	29	04
800	26	40	2800	92	40	4800	158	40	6800	224	40	8800	290	40
9		30	29		96	49	1	62	69	2	28	89	2	94
90	2	97	290	9	57	490	16	17	690	22	77	890	29	37
900	29	70	2900	95	70	4900	161	70	6900	227	70	8900	293	70
10		33	30		99	50	1	65	70	2	31	90	2	97
100	3	30	300	9	90	500	16	50	700	23	10	900	29	70
1000	33	00	3000	99	00	5000	165	00	7000	231	00	9000	297	00
11		36	31		102	51	1	68	71	2	34	91	3	00
110	3	63	310	10	23	510	16	83	710	23	43	910	30	03
1100	36	30	3100	102	30	5100	168	30	7100	234	30	9100	300	30
12		40	32		106	52	1	72	72	2	38	92	3	04
120	3	96	320	10	56	520	17	16	720	23	76	920	30	36
1200	39	60	3200	105	60	5200	171	60	7200	237	60	9200	303	60
13		43	33		109	53	1	75	73	2	41	93	3	07
130	4	29	330	10	89	530	17	49	730	24	09	930	30	69
1300	42	90	3300	108	90	5300	174	90	7300	240	90	9300	306	90
14		46	34		112	54	1	78	74	2	44	94	3	10
140	4	62	340	11	22	540	17	82	740	24	42	940	31	02
1400	46	20	3400	112	20	5400	178	20	7400	244	20	9400	310	20
15		50	35		116	55	1	82	75	2	48	95	3	14
150	4	95	350	11	55	550	18	15	750	24	75	950	31	35
1500	49	50	3500	115	50	5500	181	50	7500	247	50	9500	313	50
16		53	36		119	56	1	85	76	2	51	96	3	17
160	5	28	360	11	88	560	18	48	760	25	08	960	31	68
1600	52	80	3600	118	80	5600	184	80	7600	250	80	9600	316	80
17		56	37		122	57	1	88	77	2	54	97	3	20
170	5	61	370	12	21	570	18	81	770	25	41	970	32	01
1700	56	10	3700	122	10	5700	188	10	7700	254	10	9700	320	10
18		59	38		125	58	1	91	78	2	57	98	3	23
180	5	94	380	12	54	580	19	14	780	25	74	980	32	34
1800	59	40	3800	125	40	5800	191	40	7800	257	40	9800	323	40
19		63	39		129	59	1	95	79	2	61	99	3	27
190	6	27	390	12	87	590	19	47	790	26	07	990	32	67
1900	62	70	3900	128	70	5900	194	70	7900	260	70	9900	320	70
20		66	40		132	60	1	98	80	2	64	100	3	30
200	6	60	400	13	20	600	19	80	800	26	40	1000	33	00
2000	66	00	4000	132	00	6000	198	00	8000	264	00	10,000	330	00

POUNDS.

2000 POUNDS ONE TON.

\$67.00

\$3.35

\$67.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		70	41	1	37	61	2	04	81	2	71
10		34	210	7	04	410	13	74	610	20	44	810	27	14
100	3	35	2100	70	35	4100	137	35	6100	204	35	8100	271	35
2		07	22		74	42	1	41	62	2	08	82	2	75
20		67	220	7	37	420	14	07	620	20	77	820	27	47
200	6	70	2200	73	70	4200	140	70	6200	207	70	8200	274	70
3		10	23		77	43	1	44	63	2	11	83	2	78
30	1	01	230	7	71	430	14	41	630	21	11	830	27	81
300	10	05	2300	77	05	4300	144	05	6300	211	05	8300	278	05
4		13	24		80	44	1	47	64	2	14	84	2	81
40	1	34	240	8	04	440	14	74	640	21	44	840	28	14
400	13	40	2400	80	40	4400	147	40	6400	214	40	8400	281	40
5		17	25		84	45	1	51	65	2	18	85	2	85
50	1	68	250	8	38	450	15	08	650	21	78	850	28	48
500	16	75	2500	83	75	4500	150	75	6500	217	75	8500	284	75
6		20	26		87	46	1	54	66	2	21	86	2	88
60	2	01	260	8	71	460	15	41	660	22	11	860	28	81
600	20	10	2600	87	10	4600	154	10	6600	221	10	8600	288	10
7		23	27		90	47	1	57	67	2	24	87	2	91
70	2	35	270	9	05	470	15	75	670	22	45	870	29	15
700	23	45	2700	90	45	4700	157	45	6700	224	45	8700	291	45
8		27	28		94	48	1	61	68	2	28	88	2	95
80	2	68	280	9	38	480	16	08	680	22	78	880	29	48
800	26	80	2800	93	80	4800	160	80	6800	227	80	8800	294	80
9		30	29		97	49	1	64	69	2	31	89	2	98
90	3	02	290	9	72	490	16	42	690	23	12	890	29	82
900	30	15	2900	97	15	4900	164	15	6900	231	15	8900	298	15
10		34	30		10	50	1	68	70	2	35	90	3	02
100	3	35	300	10	05	500	16	75	700	23	45	900	30	15
1000	33	50	3000	100	50	5000	167	50	7000	234	50	9000	301	50
11		37	31		104	51	1	71	71	2	38	91	3	05
110	3	69	310	10	39	510	17	09	710	23	79	910	30	49
1100	36	85	3100	103	85	5100	170	85	7100	237	85	9100	304	85
12		40	32		107	52	1	74	72	2	41	92	3	08
120	4	02	320	10	72	520	17	42	720	24	12	920	30	82
1200	40	20	3200	107	20	5200	174	20	7200	241	20	9200	308	20
13		44	33		110	53	1	78	73	2	45	93	3	12
130	4	36	330	11	06	530	17	76	730	24	46	930	31	16
1300	43	55	3300	110	55	5300	177	55	7300	244	55	9300	311	55
14		47	34		113	54	1	81	74	2	48	94	3	15
140	4	69	340	11	39	540	18	09	740	24	79	940	31	49
1400	46	90	3400	113	90	5400	180	90	7400	247	90	9400	314	90
15		50	35		117	55	1	84	75	2	51	95	3	18
150	5	03	350	11	73	550	18	43	750	25	13	950	31	83
1500	50	25	3500	117	25	5500	184	25	7500	251	25	9500	318	25
16		54	36		120	56	1	88	76	2	55	96	3	22
160	5	36	360	12	06	560	18	76	760	25	46	960	32	16
1600	53	60	3600	120	60	5600	187	60	7600	254	60	9600	321	60
17		57	37		123	57	1	91	77	2	58	97	3	25
170	5	70	370	12	40	570	19	10	770	25	80	970	32	50
1700	56	95	3700	123	95	5700	190	95	7700	257	95	9700	324	95
18		60	38		127	58	1	94	78	2	61	98	3	28
180	6	03	380	12	73	580	19	43	780	26	13	980	32	83
1800	60	30	3800	127	30	5800	194	30	7800	261	30	9800	328	30
19		64	39		130	59	1	98	79	2	65	99	3	32
190	6	36	390	13	07	590	19	77	790	26	47	990	33	17
1900	63	65	3900	130	65	5900	197	65	7900	264	65	9900	331	65
20		67	40		134	60	2	01	80	2	68	100	3	35
200	6	70	400	13	40	600	20	10	800	26	80	1000	33	50
2000	67	00	4000	134	00	6000	201	00	8000	268	00	10,000	335	00

POUNDS.

2000 POUNDS ONE TON.

\$68.00

\$3.40

\$68.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		71	41	1	39	61	2	07	81	2	75
10		34	210	7	14	410	13	94	610	20	74	810	27	54
100	3	40	2100	71	40	4100	139	40	6100	207	40	8100	275	40
2		07	22		75	42	1	43	62	2	11	82	2	79
20		68	220	7	48	420	14	28	620	21	08	820	27	88
200	6	80	2200	74	80	4200	142	80	6200	210	80	8200	278	80
3		10	23		78	43	1	46	63	2	14	83	2	82
30	1	02	230	7	82	430	14	62	630	21	42	830	28	22
300	10	20	2300	78	20	4300	146	20	6300	214	20	8300	282	20
4		14	24		82	44	1	50	64	2	18	84	2	86
40	1	36	240	8	16	440	14	96	640	21	76	840	28	56
400	13	60	2400	81	60	4400	149	60	6400	217	60	8400	285	60
5		17	25		85	45	1	53	65	2	21	85	2	89
50	1	70	250	8	50	450	15	30	650	22	10	850	28	90
500	17	00	2500	85	00	4500	153	00	6500	221	00	8500	289	00
6		20	26		88	46	1	56	66	2	24	86	2	92
60	2	04	260	8	84	460	15	64	660	22	44	860	29	24
600	20	40	2600	88	40	4600	156	40	6600	224	40	8600	292	40
7		24	27		92	47	1	60	67	2	28	87	2	96
70	2	38	270	9	18	470	15	98	670	22	78	870	29	58
700	23	80	2700	91	80	4700	159	80	6700	227	80	8700	295	80
8		27	28		95	48	1	63	68	2	31	88	2	99
80	2	72	280	9	52	480	16	32	680	23	12	880	29	92
800	27	20	2800	95	20	4800	163	20	6800	231	20	8800	299	20
9		31	29		99	49	1	67	69	2	35	89	3	03
90	3	06	290	9	86	490	16	66	690	23	45	890	30	26
900	30	60	2900	98	60	4900	166	60	6900	234	60	8900	302	60
10		34	30		1 02	50	1	70	70	2	38	90	3	06
100	3	40	300	10	20	500	17	00	700	23	80	900	30	60
1000	34	00	3000	102	00	5000	170	00	7000	238	00	9000	306	00
11		37	31		1 05	51	1	73	71	2	41	91	3	09
110	3	74	310	10	54	510	17	34	710	24	14	910	30	94
1100	37	40	3100	105	40	5100	173	40	7100	241	40	9100	309	40
12		41	32		1 09	52	1	77	72	2	45	92	3	13
120	4	08	320	10	88	520	17	68	720	24	48	920	31	28
1200	40	80	3200	108	80	5200	176	80	7200	244	80	9200	312	80
13		44	33		1 12	53	1	80	73	2	48	93	3	16
130	4	42	330	11	22	530	18	02	730	24	82	930	31	62
1300	44	20	3300	112	20	5300	180	20	7300	248	20	9300	316	20
14		48	34		1 16	54	1	84	74	2	52	94	3	20
140	4	76	340	11	56	540	18	36	740	25	16	940	31	96
1400	47	60	3400	115	60	5400	183	60	7400	251	60	9400	319	60
15		51	35		1 19	55	1	87	75	2	55	95	3	23
150	5	10	350	11	90	550	18	70	750	25	50	950	32	30
1500	51	00	3500	119	00	5500	187	00	7500	255	00	9500	323	00
16		54	36		1 22	56	1	90	76	2	58	96	3	25
160	5	44	360	12	24	560	19	04	760	25	84	960	32	64
1600	54	40	3600	122	40	5600	190	40	7600	258	40	9600	326	40
17		58	37		1 26	57	1	94	77	2	62	97	3	30
170	5	78	370	12	58	570	19	38	770	26	18	970	32	98
1700	57	80	3700	125	80	5700	193	80	7700	261	80	9700	329	80
18		61	38		1 29	58	1	97	78	2	65	98	3	33
180	6	12	380	12	92	580	19	72	780	26	52	980	33	32
1800	61	20	3800	129	20	5800	197	20	7800	265	20	9800	333	20
19		65	39		1 33	59	2	01	79	2	69	99	3	37
190	6	46	390	13	26	590	20	06	790	26	86	990	33	66
1900	64	60	3900	132	60	5900	200	60	7900	268	60	9900	336	60
20		68	40		1 36	60	2	04	80	2	72	100	3	40
200	6	80	400	13	60	600	20	40	800	27	20	1000	34	00
2000	68	00	4000	136	00	6000	204	00	8000	272	00	10,000	340	00

POUNDS.

2000 POUNDS ONE TON.

\$69.00

\$3.45

\$69.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		03	21		72	41	I	41	61	2	10	81	2	79
10		35	210	7	25	410	I4	15	610	21	05	810	27	95
100	3	45	2100	72	45	4100	I41	45	6100	210	45	8100	279	45
2		07	22		76	42	I	45	62	2	14	82	2	83
20		69	220	7	59	420	I4	49	620	21	39	820	28	29
200	6	90	2200	75	90	4200	I44	90	6200	213	90	8200	282	90
3		10	23		79	43	I	48	63	2	17	83	2	86
30	I	04	230	7	94	430	I4	84	630	21	74	830	28	64
300	10	35	2300	79	35	4300	I48	35	6300	217	35	8300	286	35
4		14	24		83	44	I	52	64	2	21	84	2	90
40	I	38	240	8	28	440	I5	18	640	22	08	840	28	98
400	13	80	2400	82	80	4400	I51	80	6400	220	80	8400	289	80
5		17	25		86	45	I	55	65	2	24	85	2	93
50	I	73	250	8	63	450	I5	53	650	22	43	850	29	33
500	17	25	2500	86	25	4500	I55	25	6500	224	25	8500	293	25
6		21	26		90	46	I	59	66	2	28	86	2	97
60	2	07	260	8	97	460	I5	87	660	22	77	860	29	67
600	20	70	2600	89	70	4600	I58	70	6600	227	70	8600	296	70
7		24	27		93	47	I	62	67	2	31	87	3	00
70	2	42	270	9	32	470	I6	22	670	23	12	870	30	02
700	24	15	2700	93	15	4700	I62	15	6700	231	15	8700	300	15
8		28	28		97	48	I	66	68	2	35	88	3	04
80	2	76	280	9	66	480	I6	56	680	23	46	880	30	36
800	27	60	2800	96	60	4800	I65	60	6800	234	60	8800	303	60
9		31	29		1 00	49	I	69	69	2	38	89	3	07
90	3	11	290	10	01	490	I6	91	690	23	81	890	30	71
900	31	05	2900	100	05	4900	I69	05	6900	238	05	8900	307	05
10		35	30		1 04	50	I	73	70	2	42	90	3	11
100	3	45	300	10	35	500	I7	25	700	24	15	900	31	05
1000	34	50	3000	103	50	5000	I72	50	7000	241	50	9000	310	50
11		38	31		1 07	51	I	76	71	2	45	91	3	14
110	3	80	310	10	70	510	I7	60	710	24	50	910	31	40
1100	37	95	3100	106	95	5100	I75	95	7100	244	95	9100	313	95
12		41	32		1 10	52	I	79	72	2	48	92	3	17
120	4	14	320	11	04	520	I7	94	720	24	84	920	31	74
1200	41	40	3200	110	40	5200	I79	40	7200	248	40	9200	317	40
13		45	33		1 14	53	I	83	73	2	52	93	3	21
130	4	49	330	11	39	530	I8	29	730	25	19	930	32	09
1300	44	85	3300	113	85	5300	I82	85	7300	251	85	9300	320	85
14		48	34		1 17	54	I	86	74	2	55	94	3	24
140	4	83	340	11	73	540	I8	63	740	25	53	940	32	43
1400	48	30	3400	117	30	5400	I86	30	7400	255	30	9400	324	30
15		52	35		1 21	55	I	90	75	2	59	95	3	28
150	5	18	350	12	08	550	I8	98	750	25	88	950	32	78
1500	51	75	3500	120	75	5500	I89	75	7500	258	75	9500	327	75
16		55	36		1 24	56	I	93	76	2	62	96	3	31
160	5	52	360	12	42	560	I9	32	760	26	22	960	33	12
1600	55	20	3600	124	20	5600	I93	20	7600	262	20	9600	331	20
17		59	37		1 28	57	I	97	77	2	66	97	3	35
170	5	87	370	12	77	570	I9	67	770	26	57	970	33	47
1700	58	65	3700	127	65	5700	I96	65	7700	265	65	9700	334	65
18		62	38		1 31	58	2	00	78	2	69	98	3	38
180	6	21	380	13	11	580	20	01	780	26	91	980	33	81
1800	62	10	3800	131	10	5800	200	10	7800	269	10	9800	338	10
19		66	39		1 35	59	2	04	79	2	73	99	3	42
190	6	56	390	13	46	590	20	36	790	27	26	990	34	16
1900	65	55	3900	134	55	5900	203	55	7900	272	55	9900	341	55
20		69	40		1 38	60	2	07	80	2	76	100	3	45
200	6	90	400	13	80	600	20	70	800	27	60	1000	34	50
2000	69	00	4000	138	00	6000	207	00	8000	276	00	10,000	345	00

2000 POUNDS ONE TON.

448

POUNDS.

2000 POUNDS ONE TON.

\$71.00						\$3.55						\$71.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		04	21		75	41	I	46	61	2	17	81	2	86
10		36	210		46	410	I4	56	610	21	66	810	28	76
100	3	55	2100	74	55	4100	I45	55	6100	216	55	8100	287	55
2		07	22		78	42	I	49	62	2	20	82	2	91
20		71	220		81	420	I4	91	620	22	01	820	29	11
200	7	10	2200	78	10	4200	I49	10	6200	220	10	8200	291	10
3		11	23		82	43	I	53	63	2	24	83	2	95
30	I	07	230	8	17	430	I5	27	630	22	37	830	29	47
300	10	65	2300	81	65	4300	I52	65	6300	223	65	8300	294	65
4		14	24		85	44	I	56	64	2	27	84	2	98
40	I	42	240	8	52	440	I5	62	640	22	72	840	29	82
400	14	20	2400	85	20	4400	I56	20	6400	227	20	8400	298	20
5		18	25		89	45	I	60	65	2	31	85	3	02
50	I	78	250	8	88	450	I5	98	650	23	08	850	30	18
500	17	75	2500	88	75	4500	I59	75	6500	230	75	8500	301	75
6		21	26		92	46	I	63	66	2	34	86	3	05
60	2	13	260	9	23	460	I6	33	660	23	43	860	30	53
600	21	30	2600	92	30	4600	I63	30	6600	234	30	8600	305	30
7		25	27		96	47	I	67	67	2	38	87	3	09
70	2	49	270	9	59	470	I6	69	670	23	79	870	30	89
700	24	85	2700	95	85	4700	I66	85	6700	237	85	8700	308	85
8		28	28		99	48	I	70	68	2	41	88	3	12
80	2	84	280	9	94	480	I7	04	680	24	14	880	31	24
800	28	40	2800	99	40	4800	I70	40	6800	241	40	8800	312	40
9		32	29	I	03	49	I	74	69	2	45	89	3	16
90	3	20	290	10	30	490	I7	40	690	24	50	890	31	60
900	31	95	2900	102	95	4900	I73	95	6900	244	95	8900	315	95
10		36	30	I	07	50	I	78	70	2	49	90	3	20
100	3	55	300	10	65	500	I7	75	700	24	85	900	31	95
1000	35	50	3000	106	50	5000	I77	50	7000	248	50	9000	319	50
11		39	31	I	10	51	I	81	71	2	52	91	3	23
110	3	91	310	11	01	510	I8	11	710	25	21	910	32	31
1100	39	05	3100	110	05	5100	I81	05	7100	252	05	9100	323	05
12		43	32	I	14	52	I	85	72	2	56	92	3	27
120	4	26	320	11	36	520	I8	46	720	25	56	920	32	66
1200	42	60	3200	113	60	5200	I84	60	7200	255	60	9200	326	60
13		46	33	I	17	53	I	88	73	2	59	93	3	30
130	4	62	330	11	72	530	I8	82	730	25	92	930	33	02
1300	46	15	3300	117	15	5300	I88	15	7300	259	15	9300	330	15
14		50	34	I	21	54	I	92	74	2	63	94	3	34
140	4	97	340	I2	07	540	I9	17	740	26	27	940	33	37
1400	49	70	3400	120	70	5400	I91	70	7400	262	70	9400	333	70
15		53	35	I	24	55	I	95	75	2	66	95	3	37
150	5	33	350	I2	43	550	I9	53	750	26	63	950	33	73
1500	53	25	3500	I24	25	5500	I95	25	7500	266	25	9500	337	25
16		57	36	I	28	56	I	99	76	2	70	96	3	41
160	5	63	360	I2	78	560	I9	88	760	26	98	960	34	08
1600	56	80	3600	I27	80	5600	I98	80	7600	269	80	9600	340	80
17		60	37	I	31	57	2	02	77	2	73	97	3	44
170	6	04	370	I3	14	570	20	24	770	27	34	970	34	44
1700	60	35	3700	I31	35	5700	202	35	7700	273	35	9700	344	35
18		64	38	I	35	58	2	06	78	2	77	98	3	48
180	6	39	380	I3	49	580	20	59	780	27	69	980	34	79
1800	63	90	3800	I34	90	5800	205	90	7800	276	90	9800	347	90
19		67	39	I	38	59	2	09	79	2	80	99	3	51
190	6	75	390	I3	85	590	20	95	790	28	05	990	35	15
1900	67	45	3900	I38	45	5900	209	45	7900	280	45	9900	351	45
20		71	40	I	42	60	2	13	80	2	84	100	3	55
200	7	10	400	I4	20	600	21	30	800	28	40	1000	35	50
2000	71	00	4000	I42	00	6000	213	00	8000	284	00	10,000	355	00

POUNDS.

2000 POUNDS ONE TON.

\$72.00			\$3.60			\$72.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		04	21		76	41	1	48	61	2	20	81	2	92
10		36	210	7	56	410	14	76	610	21	96	810	29	16
100	3	60	2100	75	60	4100	147	60	6100	219	60	8100	291	60
2		07	22		79	42	1	51	62	2	23	82	2	95
20		72	220	7	92	420	15	12	620	22	32	820	29	52
200	7	20	2200	79	20	4200	151	20	6200	223	20	8200	295	20
3		11	23		83	43	1	55	63	2	27	83	2	99
30	1	08	230	8	28	430	15	48	630	22	68	830	29	88
300	10	80	2300	82	80	4300	154	80	6300	226	80	8300	298	80
4		14	24		86	44	1	58	64	2	30	84	3	02
40	1	44	240	8	64	440	15	84	640	23	04	840	30	24
400	14	40	2400	86	40	4400	158	40	6400	230	40	8400	302	40
5		18	25		90	45	1	62	65	2	34	85	3	06
50	1	80	250	9	00	450	16	20	650	23	40	850	30	60
500	18	00	2500	90	00	4500	162	00	6500	234	00	8500	306	00
6		22	26		94	46	1	66	66	2	38	86	3	10
60	2	16	260	9	36	460	16	56	660	23	76	860	30	96
600	21	60	2600	93	60	4600	165	60	6600	237	60	8600	309	60
7		25	27		97	47	1	69	67	2	41	87	3	13
70	2	52	270	9	72	470	16	92	670	24	12	870	31	32
700	25	20	2700	97	20	4700	169	20	6700	241	20	8700	313	20
8		29	28	1	01	48	1	73	68	2	45	88	3	18
80	2	88	280	10	08	480	17	28	680	24	48	880	31	68
800	28	80	2800	100	80	4800	172	80	6800	244	80	8800	316	80
9		32	29	1	04	49	1	76	69	2	48	89	3	20
90	3	24	290	10	44	490	17	64	690	24	84	890	32	04
900	32	40	2900	104	40	4900	176	40	6900	248	40	8900	320	40
10		36	30	1	08	50	1	80	70	2	52	90	3	24
100	3	60	300	10	80	500	18	00	700	25	20	900	32	40
1000	36	00	3000	108	00	5000	180	00	7000	252	00	9000	324	00
11		40	31	1	12	51	1	84	71	2	56	91	3	28
110	3	96	310	11	16	510	18	36	710	25	56	910	32	76
1100	39	60	3100	111	60	5100	183	60	7100	255	60	9100	327	60
12		43	32	1	15	52	1	87	72	2	59	92	3	31
120	4	32	320	11	52	520	18	72	720	25	92	920	33	12
1200	43	20	3200	115	20	5200	187	20	7200	259	20	9200	331	20
13		47	33	1	19	53	1	91	73	2	63	93	3	35
130	4	68	330	11	88	530	19	08	730	26	28	930	33	48
1300	46	80	3300	118	80	5300	190	80	7300	262	80	9300	334	80
14		50	34	1	22	54	1	94	74	2	66	94	3	38
140	5	04	340	12	24	540	19	44	740	26	64	940	33	84
1400	50	40	3400	122	40	5400	194	40	7400	266	40	9400	338	40
15		54	35	1	26	55	1	98	75	2	70	95	3	42
150	5	40	350	12	60	550	19	80	750	27	00	950	34	20
1500	54	00	3500	126	00	5500	198	00	7500	270	00	9500	342	00
16		58	36	1	30	56	2	02	76	2	74	96	3	46
160	5	76	360	12	96	560	20	16	760	27	36	960	34	56
1600	57	60	3600	129	60	5600	201	60	7600	273	60	9600	345	60
17		61	37	1	33	57	2	05	77	2	77	97	3	49
170	6	12	370	13	32	570	20	52	770	27	72	970	34	92
1700	61	20	3700	133	20	5700	205	20	7700	277	20	9700	349	20
18		65	38	1	37	58	2	09	78	2	81	98	3	53
180	6	48	380	13	68	580	20	88	780	28	08	980	35	28
1800	64	80	3800	138	80	5800	208	80	7800	280	80	9800	352	80
19		68	39	1	40	59	2	12	79	2	84	99	3	56
190	6	84	390	14	34	590	21	24	790	28	44	990	35	64
1900	68	40	3900	140	40	5900	212	40	7900	284	40	9900	356	40
20		72	40	1	44	60	2	16	80	2	88	100	3	60
200	7	20	400	14	40	600	21	60	800	28	80	1000	36	00
2000	72	00	4000	144	00	6000	216	00	8000	288	00	10,000	360	00

2000 POUNDS ONE TON.

451

POUNDS.

2000 POUNDS ONE TON.

\$74.00			\$3.70			\$74.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		04	21		78	41	I	52	61	2	26	81	3	00
10		37	210	7	77	410	15	17	610	22	57	810	30	00
100	3	70	2100	77	70	4100	151	70	6100	225	70	8100	299	70
2		07	22		81	42	I	55	62	2	29	82	3	03
20		74	220	8	14	420	15	54	620	22	94	820	30	34
200	7	40	2200	81	40	4200	155	40	6200	229	40	8200	303	40
3		11	23		85	43	I	59	63	2	33	83	3	07
30	I	11	230	8	51	430	15	91	630	23	31	830	30	71
300	11	10	2300	85	10	4300	159	10	6300	233	10	8300	307	10
4		15	24		89	44	I	63	64	2	37	84	3	11
40	I	48	240	8	88	440	16	28	640	23	68	840	31	08
400	14	80	2400	88	80	4400	162	80	6400	236	80	8400	310	80
5		19	25		93	45	I	67	65	2	41	85	3	15
50	I	85	250	9	25	450	16	65	650	24	05	850	31	45
500	18	50	2500	92	50	4500	166	50	6500	240	50	8500	314	50
6		22	26		96	46	I	70	66	2	44	86	3	18
60	2	22	260	9	62	460	17	02	660	24	42	860	31	82
600	22	20	2600	96	20	4600	170	20	6600	244	20	8600	318	20
7		26	27	I	00	47	I	74	67	2	48	87	3	22
70	2	59	270	9	99	470	17	39	670	24	79	870	32	19
700	25	90	2700	99	90	4700	173	90	6700	247	90	8700	321	90
8		30	28	I	04	48	I	78	68	2	52	88	3	26
80	2	96	280	10	36	480	17	76	680	25	16	880	32	56
800	29	60	2800	103	60	4800	177	60	6800	251	60	8800	325	60
9		33	29	I	07	49	I	81	69	2	55	89	3	29
90	3	33	290	10	73	490	18	13	690	25	53	890	32	93
900	33	30	2900	107	30	4900	181	30	6900	255	30	8900	329	30
10		37	30	I	11	50	I	85	70	2	59	90	3	33
100	3	70	300	11	10	500	18	50	700	25	90	900	33	30
1000	37	00	3000	111	00	5000	185	00	7000	259	00	9000	333	00
11		41	31	I	15	51	I	89	71	2	63	91	3	37
110	4	07	310	11	47	510	18	87	710	26	27	910	33	67
1100	40	70	3100	114	70	5100	188	70	7100	262	70	9100	336	70
12		44	32	I	18	52	I	92	72	2	66	92	3	40
120	4	40	320	11	84	520	19	24	720	26	64	920	34	04
1200	44	40	3200	118	40	5200	192	40	7200	266	40	9200	340	40
13		48	33	I	22	53	I	96	73	2	70	93	3	44
130	4	81	330	12	21	530	19	61	730	27	01	930	34	41
1300	48	10	3300	122	10	5300	196	10	7300	270	10	9300	344	10
14		52	34	I	26	54	2	00	74	2	74	94	3	48
140	5	18	340	12	58	540	20	00	740	27	38	940	34	78
1400	51	80	3400	125	80	5400	199	80	7400	273	80	9400	347	80
15		56	35	I	30	55	2	04	75	2	78	95	3	52
150	5	55	350	12	95	550	20	35	750	27	75	950	35	15
1500	55	50	3500	129	50	5500	203	50	7500	277	50	9500	351	50
16		59	36	I	33	56	2	07	76	2	81	96	3	55
160	5	92	360	13	32	560	20	72	760	28	12	960	35	52
1600	59	20	3600	133	20	5600	207	20	7600	281	20	9600	355	20
17		63	37	I	37	57	2	11	77	2	85	97	3	59
170	6	29	370	13	69	570	21	09	770	28	49	970	35	89
1700	62	90	3700	136	90	5700	210	90	7700	284	90	9700	358	90
18		67	38	I	41	58	2	15	78	2	89	98	3	63
180	6	66	380	14	06	580	21	46	780	28	86	980	36	26
1800	66	60	3800	140	60	5800	214	60	7800	288	60	9800	362	60
19		70	39	I	44	59	2	18	79	2	92	99	3	66
190	7	03	390	14	43	590	21	83	790	29	23	990	36	63
1900	70	30	3900	144	30	5900	218	30	7900	292	30	9900	366	30
20		74	40	I	48	60	2	22	80	2	96	100	3	70
200	7	40	400	14	80	600	22	20	800	29	60	1000	37	00
2000	74	00	4000	148	00	6000	222	00	8000	296	00	10,000	370	00

POUNDS.

2000 POUNDS ONE TON.



\$75.00

\$3.75

\$75.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		04	21		79	41	1	54	61	2	29	81	3	04
10		38	210	7	88	410	15	38	610	22	88	810	30	38
100	3	75	2100	78	75	4100	153	75	6100	228	75	8100	303	75
2		08	22		83	42	1	58	62	2	33	82	3	08
20		75	220	8	25	420	15	75	620	23	25	820	30	75
200	7	50	2200	82	50	4200	157	50	6200	232	50	8200	307	50
3		11	23		86	43	1	61	63	2	36	83	3	11
30	1	13	230	8	63	430	16	13	630	23	63	830	31	13
300	11	25	2300	86	25	4300	161	25	6300	236	25	8300	311	25
4		15	24		90	44	1	65	64	2	40	84	3	15
40	1	50	240	9	00	440	16	50	640	24	00	840	31	50
400	15	00	2400	90	00	4400	165	00	6400	240	00	8400	315	00
5		19	25		94	45	1	69	65	2	44	85	3	19
50	1	38	250	9	38	450	16	88	650	24	38	850	31	88
500	18	75	2500	93	75	4500	168	75	6500	243	75	8500	318	75
6		23	26		98	46	1	73	66	2	48	86	3	23
60	2	25	260	9	75	460	17	25	660	24	75	860	32	25
600	22	50	2600	97	50	4600	172	50	6600	247	50	8600	322	50
7		26	27		1 01	47	1	76	67	2	51	87	3	26
70	2	63	270	10	13	470	17	63	670	25	13	870	32	63
700	26	25	2700	101	25	4700	176	25	6700	251	25	8700	326	25
8		30	28		1 05	48	1	80	68	2	55	88	3	30
80	3	00	280	10	50	480	18	00	680	25	50	880	33	00
800	30	00	2800	105	00	4800	180	00	6800	255	00	8800	330	00
9		34	29		1 09	49	1	84	69	2	59	89	3	34
90	3	38	290	10	88	490	18	38	690	25	88	890	33	38
900	33	75	2900	108	75	4900	183	75	6900	258	75	8900	333	75
10		38	30		1 13	50	1	88	70	2	63	90	3	38
100	3	75	300	11	25	500	18	75	700	26	25	900	33	75
1000	37	50	3000	112	50	5000	187	50	7000	262	50	9000	337	50
11		41	31		1 16	51	1	91	71	2	66	91	3	41
110	4	13	310	11	63	510	19	13	710	26	63	910	34	13
1100	41	25	3100	116	25	5100	191	25	7100	266	25	9100	341	25
12		45	32		1 20	52	1	95	72	2	70	92	3	45
120	4	50	320	12	00	520	19	50	720	27	00	920	34	50
1200	45	00	3200	120	00	5200	195	00	7200	270	00	9200	345	00
13		49	33		1 24	53	1	99	73	2	74	93	3	49
130	4	88	330	12	38	530	19	88	730	27	38	930	34	88
1300	48	75	3300	123	75	5300	198	75	7300	273	75	9300	348	75
14		53	34		1 28	54	2	03	74	2	78	94	3	53
140	5	25	340	12	75	540	20	25	740	27	75	940	35	25
1400	52	50	3400	127	50	5400	202	50	7400	277	50	9400	352	50
15		56	35		1 31	55	2	06	75	2	81	95	3	56
150	5	63	350	13	13	550	20	63	750	28	13	950	35	63
1500	56	25	3500	131	25	5500	206	25	7500	281	25	9500	356	25
16		60	36		1 35	56	2	10	76	2	85	96	3	60
160	6	00	360	13	50	560	21	00	760	28	50	960	36	00
1600	60	00	3600	135	00	5600	210	00	7600	285	00	9600	360	00
17		64	37		1 39	57	2	14	77	2	89	97	3	64
170	6	38	370	13	88	570	21	38	770	28	88	970	36	38
1700	63	75	3700	138	75	5700	213	75	7700	288	75	9700	363	75
18		68	38		1 43	58	2	18	78	2	93	98	3	68
180	6	75	380	14	25	580	21	75	780	29	25	980	36	75
1800	67	50	3800	142	50	5800	217	50	7800	292	50	9800	367	50
19		71	39		1 46	59	2	21	79	2	96	99	3	71
190	7	13	390	14	63	590	22	13	790	29	63	990	37	13
1900	71	25	3900	146	25	5900	221	25	7900	296	25	9900	371	25
20		75	40		1 50	60	2	25	80	3	00	100	3	75
200	7	50	400	15	00	600	22	50	800	30	00	1000	37	50
2000	75	00	4000	150	00	6000	225	00	8000	300	00	10,000	375	00

POUNDS.

2000 POUNDS ONE TON.

\$76.00			\$3.80			\$76.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		04	21		80	41	1	56	61	2	32	81	3	08
10		38	210	7	98	410	15	58	610	23	18	810	30	78
100	3	80	2100	79	80	4100	155	80	6100	231	80	8100	307	80
2		08	22		84	42	1	60	62	2	36	82	3	12
20		76	220	8	36	420	15	96	620	23	56	820	31	16
200	7	60	2200	83	60	4200	159	60	6200	235	60	8200	311	60
3		11	23		87	43	1	63	63	2	39	83	3	15
30	1	14	230	8	74	430	16	34	630	23	94	830	31	54
300	11	40	2300	87	40	4300	163	40	6300	239	40	8300	315	40
4		15	24		91	44	1	67	64	2	43	84	3	19
40	1	52	240	9	12	440	16	72	640	24	32	840	31	92
400	15	20	2400	91	20	4400	167	20	6400	243	20	8400	319	20
5		19	25		95	45	1	71	65	2	47	85	3	23
50	1	90	250	9	50	450	17	10	650	24	70	850	32	30
500	19	00	2500	95	00	4500	171	00	6500	247	00	8500	323	00
6		23	26		99	46	1	75	66	2	51	86	3	27
60	2	28	260	9	88	460	17	48	660	25	08	860	32	68
600	22	80	2600	98	80	4600	174	80	6600	250	80	8600	326	80
7		27	27	1	03	47	1	79	67	2	55	87	3	31
70	2	66	270	10	26	470	17	86	670	25	46	870	33	06
700	26	60	2700	102	60	4700	178	60	6700	254	60	8700	330	60
8		30	28	1	06	48	1	82	68	2	58	88	3	34
80	3	04	280	10	64	480	18	24	680	25	84	880	33	44
800	30	40	2800	106	40	4800	182	40	6800	258	40	8800	334	40
9		34	29	1	10	49	1	86	69	2	62	89	3	38
90	3	42	290	11	02	490	18	62	690	26	22	890	33	82
900	34	20	2900	110	20	4900	186	20	6900	262	20	8900	338	20
10		38	30	1	14	50	1	90	70	2	66	90	3	42
100	3	80	300	11	40	500	19	00	700	26	60	900	34	20
1000	38	00	3000	114	00	5000	190	00	7000	266	00	9000	342	00
11		42	31	1	18	51	1	94	71	2	70	91	3	46
110	4	18	310	11	78	510	19	38	710	26	98	910	34	58
1100	41	80	3100	117	80	5100	193	80	7100	269	80	9100	345	80
12		46	32	1	22	52	1	98	72	2	74	92	3	50
120	4	56	320	12	16	520	19	76	720	27	36	920	34	96
1200	45	60	3200	121	60	5200	197	60	7200	273	60	9200	349	60
13		49	33	1	25	53	2	01	73	2	77	93	3	53
130	4	94	330	12	54	530	20	14	730	27	74	930	35	34
1300	49	40	3300	125	40	5300	201	40	7300	277	40	9300	353	40
14		53	34	1	29	54	2	05	74	2	81	94	3	57
140	5	32	340	12	92	540	20	52	740	28	12	940	35	72
1400	53	20	3400	129	20	5400	205	20	7400	281	20	9400	357	20
15		57	35	1	33	55	2	09	75	2	85	95	3	61
150	5	70	350	13	30	550	20	90	750	28	50	950	36	10
1500	57	00	3500	133	00	5500	209	00	7500	285	00	9500	361	00
16		61	36	1	37	56	2	13	76	2	89	96	3	65
160	6	08	360	13	68	560	21	28	760	28	88	960	36	48
1600	60	80	3600	136	80	5600	212	80	7600	288	80	9600	364	80
17		65	37	1	41	57	2	17	77	2	93	97	3	69
170	6	46	370	14	06	570	21	66	770	29	26	970	36	86
1700	64	60	3700	140	60	5700	216	60	7700	292	60	9700	368	60
18		68	38	1	44	58	2	20	78	2	96	98	3	72
180	6	84	380	14	44	580	22	04	780	29	64	980	37	24
1800	68	40	3800	144	40	5800	220	40	7800	296	40	9800	372	40
19		72	39	1	48	59	2	24	79	3	00	99	3	76
190	7	22	390	14	82	590	22	42	790	30	02	990	37	62
1900	72	20	3900	148	20	5900	224	20	7900	300	20	9900	376	20
20		76	40	1	52	60	2	28	80	3	04	100	3	80
200	7	60	400	15	20	600	22	80	800	30	40	1000	38	00
2000	76	00	4000	152	00	6000	228	00	8000	304	00	10,000	380	00

2000 POUNDS ONE TON.

455

2000 POUNDS ONE TON.

456

POUNDS.

2000 POUNDS ONE TON.

\$79.00

\$3.95

\$79.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		04	21		83	41	1	62	61	2	41	81	3	20
10		40	210	8	30	410	16	20	610	24	10	810	32	00
100	3	95	2100	82	95	4100	161	95	6100	240	95	8100	319	95
2		08	22		87	42	1	66	62	2	45	82	3	24
20		79	220	8	69	420	16	59	620	24	49	820	32	39
200	7	90	2200	86	90	4200	165	90	6200	244	90	8200	323	90
3		12	23		91	43	1	70	63	2	49	83	3	28
30	1	19	230	9	09	430	16	99	630	24	89	830	32	79
300	11	85	2300	90	85	4300	169	85	6300	243	85	8300	327	85
4		16	24		95	44	1	74	64	2	53	84	3	32
40	1	58	240	9	48	440	17	38	640	25	28	840	33	18
400	15	80	2400	94	80	4400	173	80	6400	252	80	8400	331	80
5		20	25		99	45	1	78	65	2	57	85	3	36
50	1	98	250	9	88	450	17	78	650	25	63	850	33	58
500	19	75	2500	98	75	4500	177	75	6500	256	75	8500	335	75
6		24	26		103	46	1	82	66	2	61	86	3	40
60	2	37	260	10	27	460	18	17	660	26	07	860	33	97
600	23	70	2600	102	70	4600	181	70	6600	260	70	8600	339	70
7		28	27		107	47	1	86	67	2	65	87	3	44
70	2	77	270	10	67	470	18	57	670	26	47	870	34	37
700	27	65	2700	106	65	4700	185	65	6700	264	65	8700	343	65
8		32	28		111	48	1	90	68	2	69	88	3	48
80	3	16	280	11	06	480	18	96	680	26	86	880	34	76
800	31	60	2800	110	60	4800	189	60	6800	268	60	8800	347	60
9		36	29		115	49	1	94	69	2	73	89	3	52
90	3	56	290	11	46	490	19	36	690	27	26	890	35	16
900	35	55	2900	114	55	4900	193	55	6900	272	55	8900	351	55
10		40	30		119	50	1	98	70	2	77	90	3	56
100	3	95	300	11	85	500	19	75	700	27	65	900	35	55
1000	39	50	3000	118	50	5000	197	50	7000	276	50	9000	355	50
11		43	31		122	51	2	01	71	2	80	91	3	59
110	4	35	310	12	25	510	20	15	710	28	05	910	35	95
1100	43	45	3100	122	45	5100	201	45	7100	280	45	9100	359	45
12		47	32		126	52	2	05	72	2	84	92	3	63
120	4	74	320	12	64	520	20	54	720	28	44	920	36	34
1200	47	40	3200	126	40	5200	205	40	7200	284	40	9200	363	40
13		51	33		130	53	2	09	73	2	88	93	3	67
130	5	14	330	13	04	530	20	94	730	28	84	930	36	74
1300	51	35	3300	130	35	5300	209	35	7300	288	35	9300	367	35
14		55	34		134	54	2	13	74	2	92	94	3	71
140	5	53	340	13	43	540	21	33	740	29	23	940	37	13
1400	55	30	3400	134	30	5400	213	30	7400	292	30	9400	371	30
15		59	35		138	55	2	17	75	2	96	95	3	75
150	5	93	350	13	83	550	21	73	750	29	63	950	37	53
1500	59	25	3500	138	25	5500	217	25	7500	296	25	9500	375	25
16		63	36		142	56	2	21	76	3	00	96	3	79
160	6	32	360	14	22	560	22	12	760	30	02	960	37	92
1600	63	20	3600	142	20	5600	221	20	7600	300	20	9600	379	20
17		67	37		146	57	2	25	77	3	04	97	3	83
170	6	72	370	14	62	570	22	52	770	30	42	970	38	32
1700	67	15	3700	146	15	5700	225	15	7700	304	15	9700	383	15
18		71	38		150	58	2	29	78	3	08	98	3	87
180	7	11	380	15	01	580	22	91	780	30	81	980	38	71
1800	71	10	3800	150	10	5800	229	10	7800	308	10	9800	387	10
19		75	39		154	59	2	33	79	3	12	99	3	91
190	7	51	390	15	41	590	23	31	790	31	21	990	39	11
1900	75	05	3900	154	05	5900	233	05	7900	312	05	9900	391	05
20		79	40		158	60	2	37	80	3	16	100	3	95
200	7	90	400	15	80	600	23	70	800	31	60	1000	39	50
2000	79	00	4000	158	00	6000	237	00	8000	316	00	10,000	395	00

POUNDS.

2000 POUNDS ONE TON.

\$80.00			\$4.00			\$80.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		04	21		84	41		64	61	2	44	81	3	24
10		40	210	8	40	410	16	40	610	24	40	810	32	40
100	4	00	2100	84	00	4100	164	00	6100	244	00	8100	324	00
2		08	22		88	42	1	68	62	2	48	82	3	28
20		80	220	8	80	420	16	80	620	24	80	820	32	80
200	8	00	2200	88	00	4200	168	00	6200	248	00	8200	328	00
3		12	23		92	43	1	72	63	2	52	83	3	32
30	1	20	230	9	20	430	17	20	630	25	20	830	33	20
300	12	00	2300	92	00	4300	172	00	6300	252	00	8300	332	00
4		16	24		96	44	1	76	64	2	56	84	3	36
40	1	60	240	9	60	440	17	60	640	25	60	840	33	60
400	16	00	2400	96	00	4400	176	00	6400	256	00	8400	336	00
5		20	25	1	00	45	1	80	65	2	60	85	3	40
50	2	00	250	10	00	450	18	00	650	26	00	850	34	00
500	20	00	2500	100	00	4500	180	00	6500	260	00	8500	340	00
6		24	26	1	04	46	1	84	66	2	64	86	3	44
60	2	40	260	10	40	460	18	40	660	26	40	860	34	40
600	24	00	2600	104	00	4600	184	00	6600	264	00	8600	344	00
7		28	27	1	08	47	1	88	67	2	68	87	3	48
70	2	80	270	10	80	470	18	80	670	26	80	870	34	80
700	28	00	2700	108	00	4700	188	00	6700	268	00	8700	348	00
8		32	28	1	12	48	1	92	68	2	72	88	3	52
80	3	20	280	11	20	480	19	20	680	27	20	880	35	20
800	32	00	2800	112	00	4800	192	00	6800	272	00	8800	352	00
9		36	29	1	16	49	1	96	69	2	76	89	3	56
90	3	60	290	11	60	490	19	60	690	27	60	890	35	60
900	36	00	2900	116	00	4900	196	00	6900	276	00	8900	356	00
10		40	30	1	20	50	2	00	70	2	80	90	3	60
100	4	00	300	12	00	500	20	00	700	28	00	900	36	00
1000	40	00	3000	120	00	5000	200	00	7000	280	00	9000	360	00
11		44	31	1	24	51	2	04	71	2	84	91	3	64
110	4	40	310	12	40	510	20	40	710	28	40	910	36	40
1100	44	00	3100	124	00	5100	204	00	7100	284	00	9100	364	00
12		48	32	1	28	52	2	08	72	2	88	92	3	68
120	4	80	320	12	80	520	20	80	720	28	80	920	36	80
1200	48	00	3200	128	00	5200	208	00	7200	288	00	9200	368	00
13		52	33	1	32	53	2	12	73	2	92	93	3	72
130	5	20	330	13	20	530	21	20	730	29	20	930	37	20
1300	52	00	3300	132	00	5300	212	00	7300	292	00	9300	372	00
14		56	34	1	36	54	2	16	74	2	96	94	3	76
140	5	60	340	13	60	540	21	60	740	29	60	940	37	60
1400	56	00	3400	136	00	5400	216	00	7400	296	00	9400	376	00
15		60	35	1	40	55	2	20	75	3	00	95	3	80
150	6	00	350	14	00	550	22	00	750	30	00	950	38	00
1500	60	00	3500	140	00	5500	220	00	7500	300	00	9500	380	00
16		64	36	1	44	56	2	24	76	3	04	96	3	84
160	6	40	360	14	40	560	22	40	760	30	40	960	38	40
1600	64	00	3600	144	00	5600	224	00	7600	304	00	9600	384	00
17		68	37	1	48	57	2	28	77	3	08	97	3	88
170	6	80	370	14	80	570	22	80	770	30	80	970	38	80
1700	68	00	3700	148	00	5700	228	00	7700	308	00	9700	388	00
18		72	38	1	52	58	2	32	78	3	12	98	3	92
180	7	20	380	15	20	580	23	20	780	31	20	980	39	20
1800	72	00	3800	152	00	5800	232	00	7800	312	00	9800	392	00
19		76	39	1	56	59	2	36	79	3	16	99	3	96
190	7	60	390	15	60	590	23	60	790	31	60	990	39	60
1900	76	00	3900	156	00	5900	236	00	7900	316	00	9900	396	00
20		80	40	1	60	60	2	40	80	3	20	100	4	00
200	8	00	400	16	00	600	24	00	800	32	00	1000	40	00
2000	80	00	4000	160	00	6000	240	00	8000	320	00	10,000	400	00

POUNDS.

2000 POUNDS ONE TON.

\$81.00

\$4.05

\$81.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		04	21		85	41	1	66	61	2	47	81	3	28
10		40	210	8	51	410	16	61	610	24	71	810	32	81
100	4	05	2100	85	05	4100	166	05	6100	247	05	8100	328	05
2		08	22		89	42	1	70	62	2	51	82	3	32
20		81	220	8	91	420	17	01	620	25	11	820	33	21
200	8	10	2200	89	10	4200	170	10	6200	251	10	8200	332	10
3		12	23		93	43	1	74	63	2	55	83	3	36
30	1	22	230	9	32	430	17	42	630	25	52	830	33	62
300	12	15	2300	93	15	4300	174	15	6300	255	15	8300	336	15
4		16	24		97	44	1	78	64	2	59	84	3	40
40	1	62	240	9	72	440	17	82	640	25	92	840	34	02
400	16	20	2400	97	20	4400	178	20	6400	259	20	8400	340	20
5		20	25	1	01	45	1	82	65	2	63	85	3	44
50	2	03	250	10	13	450	18	23	650	26	33	850	34	43
500	20	25	2500	101	25	4500	182	25	6500	263	25	8500	344	25
6		24	26	1	05	46	1	86	66	2	67	86	3	48
60	2	43	260	10	53	460	18	63	660	26	73	860	34	83
600	24	30	2600	105	30	4600	186	30	6600	267	30	8600	348	30
7		28	27	1	09	47	1	90	67	2	71	87	3	52
70	2	84	270	10	94	470	19	04	670	27	14	870	35	24
700	28	35	2700	109	35	4700	190	35	6700	271	35	8700	352	35
8		32	28	1	13	48	1	94	68	2	75	88	3	56
80	3	24	280	11	34	480	19	44	680	27	54	880	35	64
800	32	40	2800	113	40	4800	194	40	6800	275	40	8800	356	40
9		36	29	1	17	49	1	98	69	2	79	89	3	60
90	3	65	290	11	75	490	19	85	690	27	95	890	36	05
900	36	45	2900	117	45	4900	198	45	6900	279	45	8900	360	45
10		41	30	1	22	50	2	03	70	2	84	90	3	65
100	4	05	300	12	15	500	20	25	700	28	35	900	36	45
1000	40	50	3000	121	50	5000	202	50	7000	283	50	9000	364	50
11		45	31	1	26	51	2	07	71	2	88	91	3	69
110	4	46	310	12	56	510	20	66	710	28	76	910	36	85
1100	44	55	3100	125	55	5100	206	55	7100	287	55	9100	368	55
12		49	32	1	30	52	2	11	72	2	92	92	3	73
120	4	86	320	12	96	520	21	06	720	29	16	920	37	26
1200	48	60	3200	129	60	5200	210	60	7200	291	60	9200	372	60
13		53	33	1	34	53	2	15	73	2	96	93	3	77
130	5	27	330	13	37	530	21	47	730	29	57	930	37	67
1300	52	65	3300	133	65	5300	214	65	7300	295	65	9300	376	65
14		57	34	1	38	54	2	19	74	3	00	94	3	81
140	5	67	340	13	77	540	21	87	740	29	97	940	38	07
1400	56	70	3400	137	70	5400	218	70	7400	299	70	9400	380	70
15		61	35	1	42	55	2	23	75	3	04	95	3	85
150	6	08	350	14	18	550	22	28	750	30	38	950	38	48
1500	60	75	3500	141	75	5500	222	75	7500	303	75	9500	384	75
16		65	36	1	46	56	2	27	76	3	08	96	3	89
160	6	48	360	14	58	560	22	68	760	30	78	960	38	88
1600	64	80	3600	145	80	5600	226	80	7600	307	80	9600	388	80
17		69	37	1	50	57	2	31	77	3	12	97	3	93
170	6	89	370	14	99	570	23	09	770	31	19	970	39	29
1700	68	85	3700	149	85	5700	230	85	7700	311	85	9700	392	85
18		73	38	1	54	58	2	35	78	3	16	98	3	97
180	7	29	380	15	39	580	23	49	780	31	59	980	39	69
1800	72	90	3800	153	90	5800	234	90	7800	315	90	9800	396	90
19		77	39	1	58	59	2	39	79	3	20	99	4	01
190	7	70	390	15	80	590	23	90	790	32	00	990	40	10
1900	76	95	3900	157	95	5900	238	95	7900	319	95	9900	400	95
20		81	40	1	62	60	2	43	80	3	24	100	4	05
200	8	10	400	16	20	600	24	30	800	32	40	1000	40	50
2000	81	00	4000	162	00	6000	243	00	8000	324	00	10,000	405	00

POUNDS.

2000 POUNDS ONE TON.

\$82.00

\$4.10

\$82.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		04	21		86	41	1	68	61	2	50	81	3	32
10		41	210	8	61	410	16	81	610	25	01	810	33	21
100	4	10	2100	86	10	4100	168	10	6100	250	10	8100	332	10
2		08	22		90	42	1	72	62	2	54	82	3	36
20		82	220	9	02	420	17	22	620	25	42	820	33	62
200	8	20	2200	90	20	4200	172	20	6200	254	20	8200	336	20
3		12	23		94	43	1	76	63	2	58	83	3	40
30	1	23	230	9	43	430	17	63	630	25	83	830	34	03
300	12	30	2300	94	30	4300	176	30	6300	258	30	8300	340	30
4		16	24		98	44	1	80	64	2	62	84	3	44
40	1	64	240	9	84	440	18	04	640	26	24	840	34	44
400	16	40	2400	98	40	4400	180	40	6400	262	40	8400	344	40
5		21	25		103	45	1	85	65	2	67	85	3	49
50	2	05	250	10	25	450	18	45	650	26	65	850	34	85
500	20	50	2500	102	50	4500	184	50	6500	266	50	8500	348	50
6		25	26		107	46	1	89	66	2	71	86	3	53
60	2	46	260	10	66	460	18	86	660	27	06	860	35	26
600	24	60	2600	106	60	4600	188	60	6600	270	60	8600	352	60
7		29	27		111	47	1	93	67	2	75	87	3	57
70	2	87	270	11	07	470	19	27	670	27	47	870	35	67
700	28	70	2700	110	70	4700	192	70	6700	274	70	8700	356	70
8		33	28		115	48	1	97	68	2	79	88	3	61
80	3	28	280	11	48	480	19	68	680	27	88	880	36	08
800	32	80	2800	114	80	4800	196	80	6800	278	80	8800	360	80
9		37	29		119	49	2	01	69	2	83	89	3	65
90	3	69	290	11	89	490	20	09	690	28	29	890	36	49
900	36	90	2900	118	90	4900	200	90	6900	282	90	8900	364	90
10		41	30		123	50	2	05	70	2	87	90	3	69
100	4	10	300	12	30	500	20	50	700	28	70	900	36	90
1000	41	00	3000	123	00	5000	205	00	7000	287	00	9000	369	00
11		45	31		127	51	2	09	71	2	91	91	3	73
110	4	51	310	12	71	510	20	91	710	29	11	910	37	31
1100	45	10	3100	127	10	5100	209	10	7100	291	10	9100	373	10
12		49	32		131	52	2	13	72	2	95	92	3	77
120	4	92	320	13	12	520	21	32	720	29	52	920	37	72
1200	49	20	3200	131	20	5200	213	20	7200	295	20	9200	377	20
13		53	33		135	53	2	17	73	2	99	93	3	81
130	5	33	330	13	53	530	21	73	730	29	93	930	38	13
1300	53	30	3300	135	30	5300	217	30	7300	299	30	9300	381	30
14		57	34		139	54	2	21	74	3	03	94	3	85
140	5	74	340	13	94	540	22	14	740	30	34	940	38	54
1400	57	40	3400	139	40	5400	221	40	7400	303	40	9400	385	40
15		62	35		143	55	2	26	75	3	08	95	3	90
150	6	15	350	14	35	550	22	55	750	30	75	950	38	95
1500	61	50	3500	143	50	5500	225	50	7500	307	50	9500	389	50
16		66	36		147	56	2	30	76	3	12	96	3	94
160	6	56	360	14	76	560	22	96	760	31	16	960	39	36
1600	65	60	3600	147	60	5600	229	60	7600	311	60	9600	393	60
17		70	37		151	57	2	34	77	3	16	97	3	98
170	6	97	370	15	17	570	23	37	770	31	57	970	39	77
1700	69	70	3700	151	70	5700	233	70	7700	315	70	9700	397	70
18		74	38		155	58	2	38	78	3	20	98	4	02
180	7	38	380	15	58	580	23	78	780	31	98	980	40	18
1800	73	80	3800	155	80	5800	237	80	7800	319	80	9800	401	80
19		78	39		160	59	2	42	79	3	24	99	4	05
190	7	79	390	15	99	590	24	19	790	32	39	990	40	59
1900	77	90	3900	159	90	5900	241	90	7900	323	90	9900	405	90
20		82	40		164	60	2	46	80	3	28	100	4	10
200	8	20	400	16	40	600	24	60	800	32	80	1000	41	00
2000	82	00	4000	164	00	6000	246	00	8000	328	00	10,000	410	00

POUNDS.

2000 POUNDS ONE TON.

\$83.00

\$4.15

\$83.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		04	21		87	41	I	70	61	2	53	81	3	36
10		42	210	8	72	410	I7	02	610	25	32	810	33	62
100	4	15	2100	87	15	4100	I70	15	6100	253	15	8100	336	15
2		08	22		91	42	I	74	62	2	57	82	3	40
20		83	220	9	13	420	I7	43	620	25	73	820	34	03
200	8	30	2200	91	30	4200	I74	30	6200	257	30	8200	340	30
3		12	23		95	43	I	78	63	2	61	83	3	44
30	I	25	230	9	55	430	I7	85	630	26	15	830	34	45
300	I2	45	2300	95	45	4300	I78	45	6300	261	45	8300	344	45
4		17	24	I	00	44	I	83	64	2	66	84	3	49
40	I	66	240	9	96	440	I8	26	640	26	56	840	34	86
400	16	60	2400	99	60	4400	I82	60	6400	265	60	8400	348	60
5		21	25	I	04	45	I	87	65	2	70	85	3	53
50	2	08	250	10	38	450	I8	68	650	26	98	850	35	28
500	20	75	2500	103	75	4500	I86	75	6500	269	75	8500	352	75
6		25	26	I	08	46	I	91	66	2	74	86	3	57
60	2	49	260	10	79	460	I9	09	660	27	39	860	35	69
600	24	90	2600	107	90	4600	I90	90	6600	273	90	8600	356	90
7		29	27	I	12	47	I	95	67	2	78	87	3	61
70	2	91	270	11	21	470	I9	51	670	27	81	870	36	11
700	29	05	2700	112	05	4700	I95	05	6700	278	05	8700	361	05
8		33	28	I	16	48	I	99	68	2	82	88	3	65
80	3	32	280	11	62	480	I9	92	680	28	22	880	36	52
800	33	20	2800	116	20	4800	I99	20	6800	282	20	8800	365	20
9		37	29	I	20	49	2	03	69	2	86	89	3	69
90	3	74	290	12	04	490	20	34	690	28	64	890	36	94
900	37	35	2900	120	35	4900	203	35	6900	286	35	8900	369	35
10		42	30	I	25	50	2	08	70	2	91	90	3	74
100	4	15	300	12	45	500	20	75	700	29	05	900	37	35
1000	41	50	3000	124	50	5000	207	50	7000	290	50	9000	373	50
11		46	31	I	29	51	2	12	71	2	95	91	3	78
110	4	57	310	12	87	510	21	17	710	29	47	910	37	77
1100	45	65	3100	128	65	5100	211	65	7100	294	65	9100	377	65
12		50	32	I	33	52	2	16	72	2	99	92	3	82
120	4	98	320	13	28	520	21	58	720	29	88	920	38	18
1200	49	30	3200	132	80	5200	215	80	7200	298	80	9200	381	80
13		54	33	I	37	53	2	20	73	3	03	93	3	86
130	5	40	330	13	70	530	22	00	730	30	30	930	38	60
1300	53	95	3300	136	95	5300	219	95	7300	302	95	9300	385	95
14		58	34	I	41	54	2	24	74	3	07	94	3	90
140	5	81	340	14	11	540	22	41	740	30	71	940	39	01
1400	58	10	3400	141	10	5400	224	10	7400	307	10	9400	390	10
15		62	35	I	45	55	2	28	75	3	11	95	3	94
150	6	23	350	14	53	550	22	83	750	31	13	950	39	43
1500	62	25	3500	145	25	5500	228	25	7500	311	25	9500	394	25
16		66	36	I	49	56	2	32	76	3	15	96	3	98
160	6	64	360	14	94	560	23	24	760	31	54	960	39	84
1600	66	40	3600	149	40	5600	232	40	7600	315	40	9600	398	40
17		71	37	I	54	57	2	37	77	3	20	97	4	03
170	7	06	370	15	36	570	23	66	770	31	96	970	40	26
1700	70	55	3700	153	55	5700	236	55	7700	319	55	9700	402	55
18		75	38	I	58	58	2	41	78	3	24	98	4	07
180	7	47	380	15	77	580	24	07	780	32	37	980	40	67
1800	74	70	3800	157	70	5800	240	70	7800	323	70	9800	406	70
19		79	39	I	62	59	2	45	79	3	28	99	4	11
190	7	89	390	16	19	590	24	49	790	32	79	990	41	09
1900	78	85	3900	161	85	5900	244	85	7900	327	85	9900	410	85
20		83	40	I	66	60	2	49	80	3	32	100	4	15
200	8	30	400	16	60	600	24	90	800	33	20	1000	41	50
2000	83	00	4000	166	00	6000	249	00	8000	332	00	10,000	415	00

2000 POUNDS ONE TON.

462

POUNDS.

2000 POUNDS ONE TON.

\$85.00

\$4.25

\$85.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		04	21		89	41	1	74	61	2	59	81	3	44
10		43	210	8	93	410	17	43	610	25	93	810	34	43
100	4	25	2100	89	25	4100	174	25	6100	259	25	8100	344	25
2		09	22		94	42	1	79	62	2	64	82	3	49
20		85	220	9	35	420	17	85	620	26	35	820	34	85
200	8	50	2200	93	50	4200	178	50	6200	263	50	8200	348	50
3		13	23		98	43	1	83	63	2	68	83	3	53
30	1	28	230	9	78	430	18	28	630	26	78	830	35	28
300	12	75	2300	97	75	4300	182	75	6300	267	75	8300	352	75
4		17	24	1	02	44	1	87	64	2	72	84	3	57
40	1	70	240	10	20	440	18	70	640	27	20	840	35	70
400	17	00	2400	102	00	4400	187	00	6400	272	00	8400	357	00
5		21	25	1	06	45	1	91	65	2	76	85	3	61
50	2	13	250	10	63	450	19	13	650	27	63	850	36	13
500	21	25	2500	106	25	4500	191	25	6500	276	25	8500	361	25
6		26	26	1	11	46	1	96	66	2	81	86	3	66
60	2	55	260	11	05	460	19	55	660	28	05	860	36	55
600	25	50	2600	110	50	4600	195	50	6600	280	50	8600	365	50
7		30	27	1	15	47	2	00	67	2	85	87	3	70
70	2	98	270	11	48	470	19	98	670	28	48	870	36	98
700	29	75	2700	114	75	4700	199	75	6700	284	75	8700	369	75
8		34	28	1	19	48	2	04	68	2	89	88	3	74
80	3	40	280	11	00	480	20	40	680	28	90	880	37	40
800	34	00	2800	119	00	4800	204	00	6800	289	00	8800	374	00
9		38	29	1	23	49	2	08	69	2	93	89	3	78
90	3	83	290	12	33	490	20	83	690	29	33	890	37	83
900	38	25	2900	123	25	4900	208	25	6900	293	25	8900	378	25
10		43	30	1	28	50	2	13	70	2	98	90	3	83
100	4	25	300	12	75	500	21	25	700	29	75	900	38	25
1000	42	50	3000	127	50	5000	212	50	7000	297	50	9000	382	50
11		47	31	1	32	51	2	17	71	3	02	91	3	87
110	4	68	310	13	18	510	21	68	710	30	18	910	38	68
1100	46	75	3100	131	75	5100	216	75	7100	301	75	9100	386	75
12		51	32	1	36	52	2	21	72	3	06	92	3	91
120	5	10	320	13	60	520	22	10	720	30	60	920	39	10
1200	51	00	3200	136	00	5200	221	00	7200	306	00	9200	391	00
13		55	33	1	40	53	2	25	73	3	10	93	3	95
130	5	53	330	14	03	530	22	53	730	31	03	930	39	53
1300	55	25	3300	140	25	5300	225	25	7300	310	25	9300	395	25
14		60	34	1	45	54	2	30	74	3	15	94	4	00
140	5	95	340	14	45	540	22	95	740	31	45	940	39	95
1400	69	50	3400	144	50	5400	229	50	7400	314	50	9400	399	50
15		64	35	1	49	55	2	34	75	3	19	95	4	04
150	6	38	350	14	88	550	23	38	750	31	88	950	40	38
1500	63	75	3500	148	75	5500	233	75	7500	318	75	9500	403	75
16		68	36	1	53	56	2	38	76	3	23	96	4	08
160	6	80	360	15	30	560	23	80	760	32	30	960	40	80
1600	68	00	3600	153	00	5600	238	00	7600	323	00	9600	408	00
17		72	37	1	57	57	2	42	77	3	27	97	4	12
170	7	23	370	15	73	570	24	23	770	32	73	970	41	23
1700	72	25	3700	157	25	5700	242	25	7700	327	25	9700	412	25
18		77	38	1	62	58	2	47	78	3	32	98	4	17
180	7	65	380	16	15	580	24	65	780	33	15	980	41	65
1800	76	50	3800	161	50	5800	246	50	7800	331	50	9800	416	50
19		81	39	1	66	59	2	51	79	3	36	99	4	21
190	8	08	390	16	58	590	25	08	790	33	58	990	42	08
1900	80	75	3900	165	75	5900	250	75	7900	335	75	9900	420	75
20		85	40	1	70	60	2	55	80	3	40	100	4	25
200	8	50	400	17	00	600	25	50	800	34	00	1000	42	50
2000	85	00	4000	170	00	6000	255	00	8000	340	00	10,000	425	00

POUNDS.

2000 POUNDS ONE TON.

\$86.00						\$4.30						\$86.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		04	21		90	41	1	76	61	2	62	81	3	48
10		43	210	9	03	410	17	63	610	26	23	810	34	83
100	4	30	2100	90	30	4100	176	30	6100	262	30	8100	348	30
2		09	22		95	42	1	81	62	2	67	82	3	53
20		86	220	9	46	420	18	06	620	26	66	820	35	26
200	8	60	2200	94	60	4200	180	60	6200	266	60	8200	352	60
3		13	23		99	43	1	85	63	2	71	83	3	57
30	1	29	230	9	89	430	18	49	630	27	09	830	35	69
300	12	90	2300	98	90	4300	184	90	6300	270	90	8300	356	90
4		17	24		03	44	1	89	64	2	75	84	3	61
40	1	72	240	10	32	440	18	92	640	27	52	840	36	12
400	17	20	2400	103	20	4400	189	20	6400	275	20	8400	361	20
5		22	25		08	45	1	94	65	2	80	85	3	66
50	2	15	250	10	75	450	19	35	650	27	95	850	36	55
500	21	50	2500	107	50	4500	193	50	6500	279	50	8500	365	50
6		26	26		12	46	1	98	66	2	84	86	3	70
60	2	58	260	11	18	460	19	78	660	28	38	860	36	98
600	25	80	2600	111	80	4600	197	80	6600	283	80	8600	369	80
7		30	27		16	47	2	02	67	2	88	87	3	74
70	3	01	270	11	61	470	20	21	670	28	81	870	37	41
700	30	10	2700	116	10	4700	202	10	6700	288	10	8700	374	10
8		34	28		20	48	2	06	68	2	92	88	3	78
80	3	44	280	12	04	480	20	64	680	29	24	880	37	84
800	34	40	2800	120	40	4800	206	40	6800	292	40	8800	378	40
9		39	29		25	49	2	11	69	2	97	89	3	83
90	3	87	290	12	47	490	21	07	690	29	67	890	38	27
900	38	70	2900	124	70	4900	210	70	6900	296	70	8900	382	70
10		43	30		29	50	2	15	70	3	01	90	3	87
100	4	30	300	12	90	500	21	50	700	30	10	900	38	70
1000	43	00	3000	129	00	5000	215	00	7000	301	00	9000	387	00
11		47	31		33	51	2	19	71	3	05	91	3	91
110	4	73	310	13	33	510	21	93	710	30	53	910	39	13
1100	47	30	3100	133	30	5100	219	30	7100	305	30	9100	391	30
12		52	32		38	52	2	24	72	3	10	92	3	96
120	5	16	320	13	76	520	22	36	720	30	96	920	39	56
1200	51	60	3200	137	60	5200	223	60	7200	309	60	9200	395	60
13		56	33		42	53	2	28	73	3	14	93	4	00
130	5	59	330	14	19	530	22	79	730	31	39	930	39	99
1300	55	90	3300	141	90	5300	227	90	7300	313	90	9300	399	90
14		60	34		46	54	2	32	74	3	18	94	4	04
140	6	02	340	14	62	540	23	22	740	31	82	940	40	42
1400	60	20	3400	146	20	5400	232	20	7400	318	20	9400	404	20
15		65	35		51	55	2	37	75	3	23	95	4	09
150	6	45	350	15	05	550	23	65	750	32	25	950	40	85
1500	64	50	3500	150	50	5500	236	50	7500	322	50	9500	408	50
16		69	36		55	56	2	41	76	3	27	96	4	13
160	6	88	360	15	48	560	24	08	760	32	68	960	41	28
1600	68	80	3600	154	80	5600	240	80	7600	326	80	9600	412	80
17		73	37		59	57	2	45	77	3	31	97	4	17
170	7	31	370	15	91	570	24	51	770	33	11	970	41	71
1700	73	10	3700	159	10	5700	245	10	7700	331	10	9700	417	10
18		77	38		63	58	2	49	78	3	35	98	4	21
180	7	74	380	16	34	580	24	94	780	33	54	980	42	14
1800	77	40	3800	163	40	5800	249	40	7800	335	40	9800	421	40
19		82	39		68	59	2	54	79	3	40	99	4	26
190	8	17	390	16	77	590	25	37	790	33	97	990	42	57
1900	81	70	3900	167	70	5900	253	70	7900	339	70	9900	425	70
20		86	40		72	60	2	58	80	3	44	100	4	30
200	8	60	400	17	20	600	25	80	800	34	40	1000	43	00
2000	86	00	4000	172	00	6000	258	00	8000	344	00	10,000	430	00

2000 POUNDS ONE TON.

465

2000 POUNDS ONE TON.

466

POUNDS.

2000 POUNDS ONE TON.

\$89.00

\$4.45

\$89.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		04	21		93	41	1	82	61	2	71	81	3	60
10		45	210	9	35	410	18	25	610	27	15	810	36	25
100	4	45	2100	93	45	4100	182	45	6100	271	45	8100	360	45
2		09	22		98	42	1	87	62	2	76	82	3	65
20		89	220	9	79	420	18	69	620	27	59	820	36	49
200	8	90	2200	97	90	4200	186	90	6200	275	90	8200	364	90
3		13	23	1	02	43	1	91	63	2	80	83	3	69
30	1	34	230	10	24	430	19	14	630	28	04	830	36	94
300	13	35	2300	102	35	4300	191	35	6300	280	35	8300	369	35
4		18	24	1	07	44	1	96	64	2	85	84	3	74
40	1	78	240	10	68	440	19	58	640	28	48	840	37	38
400	17	80	2400	106	80	4400	195	80	6400	284	80	8400	373	80
5		22	25	1	11	45	2	00	65	2	89	85	3	78
50	2	23	250	11	13	450	20	03	650	28	93	850	37	83
500	22	25	2500	111	25	4500	200	25	6500	289	25	8500	378	25
6		27	26	1	16	46	2	05	66	2	94	86	3	83
60	2	67	260	11	57	460	20	47	660	29	37	860	38	27
600	26	70	2600	115	70	4600	204	70	6600	293	70	8600	382	70
7		31	27	1	20	47	2	09	67	2	98	87	3	87
70	3	12	270	12	02	470	20	92	670	29	82	870	38	72
700	31	15	2700	120	15	4700	209	15	6700	298	15	8700	387	15
8		36	28	1	25	48	2	14	68	3	03	88	3	92
80	3	56	280	12	46	480	21	36	680	30	26	880	39	16
800	35	60	2800	124	60	4800	213	60	6800	302	60	8800	391	60
9		40	29	1	29	49	2	18	69	3	07	89	3	96
90	4	01	290	12	91	490	21	81	690	30	71	890	39	61
900	40	05	2900	129	05	4900	218	05	6900	307	05	8900	396	05
10		45	30	1	34	50	2	23	70	3	12	90	4	01
100	4	45	300	13	35	500	22	25	700	31	15	900	40	05
1000	44	50	3000	133	50	5000	222	50	7000	311	50	9000	400	50
11		49	31	1	38	51	2	27	71	3	16	91	4	05
110	4	90	310	13	80	510	22	70	710	31	60	910	40	50
1100	48	95	3100	137	95	5100	226	95	7100	315	95	9100	404	95
12		53	32	1	42	52	2	31	72	3	20	92	4	09
120	5	34	320	14	24	520	23	14	720	32	04	920	40	94
1200	53	40	3200	142	40	5200	231	40	7200	320	40	9200	409	40
13		58	33	1	47	53	2	36	73	3	25	93	4	14
130	5	79	330	14	69	530	23	59	730	32	49	930	41	39
1300	57	85	3300	146	85	5300	235	85	7300	324	85	9300	413	85
14		62	34	1	51	54	2	40	74	3	29	94	4	18
140	6	23	340	15	13	540	24	03	740	32	93	940	41	83
1400	62	30	3400	151	30	5400	240	30	7400	329	30	9400	418	30
15		67	35	1	56	55	2	45	75	3	34	95	4	23
150	6	68	350	15	58	550	24	48	750	33	38	950	42	28
1500	66	75	3500	155	75	5500	244	75	7500	333	75	9500	422	75
16		71	36	1	60	56	2	49	76	3	38	96	4	27
160	7	12	360	16	02	560	24	92	760	33	82	960	42	72
1600	71	20	3600	160	20	5600	249	20	7600	338	20	9600	427	20
17		76	37	1	65	57	2	54	77	3	43	97	4	32
170	7	57	370	16	47	570	25	37	770	34	27	970	43	17
1700	75	65	3700	164	65	5700	253	65	7700	342	65	9700	431	65
18		80	38	1	69	58	2	58	78	3	47	98	4	36
180	8	01	380	16	91	580	25	81	780	34	71	980	43	61
1800	80	10	3800	169	10	5800	258	10	7800	347	10	9800	436	10
19		85	39	1	74	59	2	63	79	3	52	99	4	41
190	8	46	390	17	35	590	26	26	790	35	16	990	44	06
1900	84	55	3900	173	55	5900	262	55	7900	351	55	9900	440	55
20		89	40	1	78	60	2	67	80	3	56	100	4	45
200	8	90	400	17	80	600	26	70	800	35	60	1000	44	50
2000	89	00	4000	178	00	6000	267	00	8000	356	00	10,000	445	00

POUNDS.

2000 POUNDS ONE TON.

\$90.00			\$4.50			\$90.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		05	21		95	41	1	85	61	2	75	81	3	65
10		45	210	9	45	410	18	45	610	27	45	810	36	45
100	4	50	2100	94	50	4100	184	50	6100	274	50	8100	364	50
2		09	22		99	42	1	89	62	2	79	82	3	69
20		90	220	9	90	420	18	90	620	27	90	820	36	90
200	9	00	2200	99	00	4200	189	00	6200	279	00	8200	369	00
3		14	23	1	04	43	1	94	63	2	84	83	3	74
30	1	35	230	10	35	430	19	35	630	28	35	830	37	35
300	13	50	2300	103	50	4300	193	50	6300	283	50	8300	373	50
4		18	24	1	08	44	1	98	64	2	88	84	3	78
40	1	80	240	10	80	440	19	80	640	28	80	840	37	80
400	18	00	2400	108	00	4400	198	00	6400	288	00	8400	378	00
5		23	25	1	13	45	2	03	65	2	93	85	3	83
50	2	25	250	11	25	450	20	25	650	29	25	850	38	25
500	22	50	2500	112	50	4500	202	50	6500	292	50	8500	382	50
6		27	26	1	17	46	2	07	66	2	97	86	3	87
60	2	70	260	11	70	460	20	70	660	29	70	860	38	70
600	27	00	2600	117	00	4600	207	00	6600	297	00	8600	387	00
7		32	27	1	22	47	2	12	67	3	02	87	3	92
70	3	15	270	12	15	470	21	15	670	30	15	870	39	15
700	31	50	2700	121	50	4700	211	50	6700	301	50	8700	391	50
8		36	28	1	26	48	2	16	68	3	06	88	3	96
80	3	60	280	12	60	480	21	60	680	30	60	880	39	60
800	36	00	2800	126	00	4800	216	00	6800	306	00	8800	396	00
9		41	29	1	31	49	2	21	69	3	11	89	4	01
90	4	05	290	13	05	490	22	05	690	31	05	890	40	05
900	40	50	2900	130	50	4900	220	50	6900	310	50	8900	400	50
10		45	30	1	35	50	2	25	70	3	15	90	4	05
100	4	50	300	13	50	500	22	50	700	31	50	900	40	50
1000	45	00	3000	135	00	5000	225	00	7000	315	00	9000	405	00
11		50	31	1	40	51	2	30	71	3	20	91	4	10
110	4	95	310	13	95	510	22	95	710	31	95	910	40	95
1100	49	50	3100	139	50	5100	229	50	7100	319	50	9100	409	50
12		54	32	1	44	52	2	34	72	3	24	92	4	14
120	5	40	320	14	40	520	23	40	720	32	40	920	41	40
1200	54	00	3200	144	00	5200	234	00	7200	324	00	9200	414	00
13		59	33	1	49	53	2	39	73	3	29	93	4	19
130	5	85	330	14	85	530	23	85	730	32	85	930	41	85
1300	58	50	3300	148	50	5300	238	50	7300	328	50	9300	418	50
14		63	34	1	53	54	2	43	74	3	33	94	4	23
140	6	30	340	15	30	540	24	30	740	33	30	940	42	30
1400	63	00	3400	153	00	5400	243	00	7400	333	00	9400	423	00
15		68	35	1	58	55	2	48	75	3	38	95	4	28
150	6	75	350	15	75	550	24	75	750	33	75	950	42	75
1500	67	50	3500	157	50	5500	247	50	7500	337	50	9500	427	50
16		72	36	1	62	56	2	52	76	3	42	96	4	32
160	7	20	360	16	20	560	25	20	760	34	20	960	43	20
1600	72	00	3600	162	00	5600	252	00	7600	342	00	9600	432	00
17		77	37	1	67	57	2	57	77	3	47	97	4	37
170	7	65	370	16	65	570	25	65	770	34	65	970	43	65
1700	76	50	3700	166	50	5700	256	50	7700	346	50	9700	436	50
18		81	38	1	71	58	2	61	78	3	51	98	4	41
180	8	10	380	17	10	580	26	10	780	35	10	980	44	10
1800	81	00	3800	171	00	5800	261	00	7800	351	00	9800	441	00
19		86	39	1	76	59	2	66	79	3	56	99	4	46
190	8	55	390	17	55	590	26	55	790	35	55	990	44	55
1900	85	50	3900	175	50	5900	265	50	7900	355	50	9900	445	50
20		90	40	1	80	60	2	70	80	3	60	100	4	50
200	9	00	400	18	00	600	27	00	800	36	00	1000	45	00
2000	90	00	4000	180	00	6000	270	00	8000	360	00	10,000	450	00

POUNDS.

2000 POUNDS ONE TON.

\$91.00			\$4.55			\$91.00									
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	
1		05	21		96	41	I	87	61	2	78	81		3	69
10		46	210	9	56	410	18	66	610	27	76	810		36	86
100	4	55	2100	95	55	4100	186	55	6100	277	55	8100	368	55	
2		09	22	I	00	42	I	91	62	2	82	82		3	73
20		91	220	10	01	420	19	11	620	28	21	820		37	31
200	9	10	2200	100	10	4200	191	10	6200	282	10	8200	373	10	
3		14	23	I	05	43	I	96	63	2	87	83		3	78
30	I	37	230	10	47	430	19	57	630	28	67	830		37	77
300	13	65	2300	104	65	4300	195	65	6300	286	65	8300	377	65	
4		18	24	I	09	44	2	00	64	2	91	84		3	82
40	I	82	240	10	92	440	20	02	640	29	12	840		38	22
400	18	20	2400	109	20	4400	200	20	6400	291	20	8400	382	20	
5		23	25	I	14	45	2	05	65	2	96	85		3	87
50	2	28	250	11	38	450	20	48	650	29	58	850		38	68
500	22	75	2500	113	75	4500	204	75	6500	295	75	8500	386	75	
6		27	26	I	18	46	2	09	66	3	00	86		3	91
60	2	73	260	11	83	460	20	93	660	30	03	860		39	13
600	27	30	2600	118	30	4600	209	30	6600	300	30	8600	391	30	
7		32	27	I	23	47	2	14	67	3	05	87		3	96
70	3	19	270	12	29	470	21	39	670	30	49	870		39	59
700	31	85	2700	122	85	4700	213	85	6700	304	85	8700	395	85	
8		36	28	I	27	48	2	18	68	3	09	88		4	00
80	3	64	280	12	74	480	21	84	680	30	94	880		40	04
800	36	40	2800	127	40	4800	218	40	6800	309	40	8800	400	40	
9		41	29	I	32	49	2	23	69	3	14	89		4	05
90	4	10	290	13	20	490	22	30	690	31	40	890		40	50
900	40	95	2900	131	95	4900	222	95	6900	313	95	8900	404	95	
10		46	30	I	37	50	2	28	70	3	19	90		4	10
100	4	55	300	13	65	500	22	75	700	31	85	900		40	95
1000	45	50	3000	136	50	5000	227	50	7000	318	50	9000	409	50	
11		50	31	I	41	51	2	32	71	3	23	91		4	14
110	5	01	310	14	11	510	23	21	710	32	31	910		41	41
1100	50	05	3100	141	05	5100	232	05	7100	323	05	9100	414	05	
12		55	32	I	46	52	2	37	72	3	28	92		4	19
120	5	46	320	14	56	520	23	66	720	32	76	920		41	86
1200	54	60	3200	145	60	5200	236	60	7200	327	60	9200	418	60	
13		59	33	I	50	53	2	41	73	3	32	93		4	23
130	5	92	330	15	02	530	24	12	730	33	22	930		42	32
1300	59	15	3300	150	15	5300	241	15	7300	332	15	9300	423	15	
14		64	34	I	55	54	2	46	74	3	37	94		4	28
140	6	37	340	15	47	540	24	57	740	33	67	940		42	77
1400	63	70	3400	154	70	5400	245	70	7400	336	70	9400	427	70	
15		68	35	I	59	55	2	50	75	3	41	95		4	32
150	6	83	350	15	93	550	25	03	750	34	13	950		43	23
1500	68	25	3500	159	25	5500	250	25	7500	341	25	9500	432	25	
16		73	36	I	64	56	2	55	76	3	46	96		4	37
160	7	28	360	16	38	560	25	48	760	34	58	960		43	68
1600	72	80	3600	163	80	5600	254	80	7600	345	80	9600	436	80	
17		77	37	I	68	57	2	59	77	3	50	97		4	41
170	7	74	370	16	84	570	25	94	770	35	04	970		44	14
1700	77	35	3700	168	35	5700	259	35	7700	350	35	9700	441	35	
18		82	38	I	73	58	2	64	78	3	55	98		4	46
180	8	19	380	17	29	580	26	39	780	35	49	980		44	59
1800	81	90	3800	172	90	5800	263	90	7800	354	90	9800	445	90	
19		86	39	I	77	59	2	68	79	3	59	99		4	50
190	8	65	390	17	75	590	26	85	790	35	95	990		45	05
1900	86	45	3900	177	45	5900	268	45	7900	359	45	9900	450	45	
20		91	40	I	82	60	2	73	80	3	64	100		4	55
200	9	10	400	18	20	600	27	30	800	36	40	1000		45	50
2000	91	00	4000	182	00	6000	273	00	8000	361	00	10,000	455	00	

POUNDS.

2000 POUNDS ONE TON.

\$92.00			\$4.60			\$92.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		05	21		97	41		89	61		81	81		73
10		46	210	9	66	410	18	86	610	28	06	810	37	26
100	4	60	2100	96	60	4100	188	60	6100	280	60	8100	372	60
2		09	22	1	01	42	1	93	62	2	85	82	3	77
20		92	220	10	12	420	19	32	620	28	52	820	37	72
200	9	20	2200	101	20	4200	193	20	6200	285	20	8200	377	20
3		14	23	1	06	43	1	98	63	2	90	83	3	82
30	1	38	230	10	58	430	19	78	630	28	98	830	38	18
300	13	80	2300	105	80	4300	197	80	6300	289	80	8300	381	80
4		18	24	1	10	44	2	02	64	2	94	84	3	86
40	1	84	240	11	04	440	20	24	640	29	44	840	38	64
400	18	40	2400	110	40	4400	202	40	6400	294	40	8400	386	40
5		23	25	1	15	45	2	07	65	2	99	85	3	91
50	2	30	250	11	50	450	20	70	650	29	90	850	39	10
500	23	00	2500	115	00	4500	207	00	6500	299	00	8500	391	00
6		28	26	1	20	46	2	12	66	3	04	86	3	96
60	2	76	260	11	96	460	21	16	660	30	36	860	39	56
600	27	60	2600	119	60	4600	211	60	6600	303	60	8600	395	60
7		32	27	1	24	47	2	16	67	3	08	87	4	00
70	3	22	270	12	42	470	21	62	670	30	82	870	40	02
700	32	20	2700	124	20	4700	216	20	6700	308	20	8700	400	20
8		37	28	1	29	48	2	21	68	3	13	88	4	05
80	3	68	280	12	88	480	22	08	680	31	28	880	40	48
800	36	80	2800	128	80	4800	220	80	6800	312	80	8800	404	80
9		41	29	1	33	49	2	25	69	3	17	89	4	09
90	4	14	290	13	34	490	22	54	690	31	74	890	40	94
900	41	40	2900	133	40	4900	225	40	6900	317	40	8900	409	40
10		46	30	1	38	50	2	30	70	3	22	90	4	14
100	4	60	300	13	80	500	23	00	700	32	20	900	41	40
1000	46	00	3000	138	00	5000	230	00	7000	322	00	9000	414	00
11		51	31	1	43	51	2	35	71	3	27	91	4	19
110	5	06	310	14	26	510	23	46	710	32	66	910	41	86
1100	50	60	3100	142	60	5100	234	60	7100	326	60	9100	418	60
12		55	32	1	47	52	2	39	72	3	31	92	4	23
120	5	52	320	14	72	520	23	92	720	33	12	920	42	32
1200	55	20	3200	147	20	5200	239	20	7200	331	20	9200	423	20
13		60	33	1	52	53	2	44	73	3	36	93	4	28
130	5	98	330	15	18	530	24	38	730	33	58	930	42	78
1300	59	80	3300	151	80	5300	243	80	7300	335	80	9300	427	80
14		64	34	1	56	54	2	48	74	3	40	94	4	32
140	6	44	340	15	64	540	24	84	740	34	04	940	43	24
1400	64	40	3400	156	40	5400	248	40	7400	340	40	9400	432	40
15		69	35	1	61	55	2	53	75	3	45	95	4	37
150	6	90	350	16	10	550	25	30	750	34	50	950	43	70
1500	69	00	3500	161	00	5500	253	00	7500	345	00	9500	437	00
16		74	36	1	66	56	2	58	76	3	50	96	4	42
160	7	36	360	16	56	560	25	76	760	34	96	960	44	16
1600	73	60	3600	165	60	5600	257	60	7600	349	60	9600	441	60
17		78	37	1	70	57	2	62	77	3	54	97	4	46
170	7	82	370	17	02	570	26	22	770	35	42	970	44	62
1700	78	20	3700	170	20	5700	262	20	7700	354	20	9700	446	20
18		83	38	1	75	58	2	67	78	3	59	98	4	51
180	8	28	380	17	48	580	26	68	780	35	88	980	45	08
1800	82	80	3800	174	80	5800	266	80	7800	358	80	9800	450	80
19		87	39	1	79	59	2	71	79	3	63	99	4	55
190	8	74	390	17	94	590	27	14	790	36	34	990	45	54
1900	87	40	3900	179	40	5900	271	40	7900	363	40	9900	455	40
20		92	40	1	84	60	2	76	80	3	68	100	4	60
200	9	20	400	18	40	600	27	60	800	36	80	1000	46	00
2000	92	00	4000	184	00	6000	276	00	8000	368	00	10,000	460	00

POUNDS.

2000 POUNDS ONE TON.

\$93.00			\$4.65			\$93.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		05	21		98	41	1	91
10		47	210	9	77	410	19	07
100	4	65	2100	97	65	4100	190	65
2		09	22	1	02	42	1	95
20		93	220	10	23	420	19	53
200	9	30	2200	102	30	4200	195	30
3		14	23	1	07	43	2	00
30	1	40	230	10	70	430	20	00
300	13	95	2300	106	95	4300	199	95
4		19	24	1	12	44	2	05
40	1	86	240	11	16	440	20	46
400	18	60	2400	111	60	4400	204	60
5		23	25	1	16	45	2	09
50	2	33	250	11	63	450	20	93
500	23	25	2500	116	25	4500	209	25
6		28	26	1	21	46	2	14
60	2	79	260	12	09	460	21	39
600	27	90	2600	120	90	4600	213	90
7		33	27	1	26	47	2	19
70	3	26	270	12	56	470	21	86
700	32	55	2700	125	55	4700	218	55
8		37	28	1	30	48	2	23
80	3	72	280	13	02	480	22	32
800	37	20	2800	130	20	4800	223	20
9		42	29	1	35	49	2	28
90	4	19	290	13	49	490	22	79
900	41	85	2900	134	85	4900	227	85
10		47	30	1	40	50	2	33
100	4	65	300	13	95	500	23	25
1000	46	50	3000	139	50	5000	232	50
11		51	31	1	44	51	2	37
110	5	12	310	14	42	510	23	72
1100	51	15	3100	144	15	5100	237	15
12		56	32	1	49	52	2	42
120	5	58	320	14	88	520	24	18
1200	55	80	3200	148	80	5200	241	80
13		60	33	1	53	53	2	46
130	6	05	330	15	35	530	24	65
1300	60	45	3300	153	45	5300	246	45
14		65	34	1	58	54	2	51
140	6	51	340	15	81	540	25	11
1400	65	10	3400	158	10	5400	251	10
15		70	35	1	63	55	2	56
150	6	98	350	16	28	550	25	58
1500	69	75	3500	162	75	5500	255	75
16		74	36	1	67	56	2	60
160	7	44	360	16	74	560	26	04
1600	74	40	3600	167	40	5600	260	40
17		79	37	1	72	57	2	65
170	7	91	370	17	21	570	26	51
1700	79	05	3700	172	05	5700	265	05
18		84	38	1	77	58	2	70
180	8	37	380	17	67	580	26	97
1800	83	70	3800	176	70	5800	269	70
19		88	39	1	81	59	2	74
190	8	84	390	18	14	590	27	44
1900	88	35	3900	181	35	5900	274	35
20		93	40	1	86	60	2	79
200	9	30	400	18	60	600	27	90
2000	93	00	4000	186	00	6000	279	00
61	2	84	81	3	77	610	28	37
610	28	37	810	37	67	6100	283	65
62	2	88	82	3	81	620	28	83
620	28	83	820	38	13	6200	288	30
63	2	93	83	3	86	630	29	30
630	29	30	830	38	50	6300	292	95
64	2	98	84	3	91	640	29	76
640	29	76	840	39	06	6400	297	60
65	3	02	85	3	95	650	30	02
650	30	23	850	39	53	6500	302	25
66	3	07	86	4	00	660	30	09
660	30	59	860	39	99	6600	306	90
67	3	12	87	4	05	670	31	16
670	31	16	870	40	46	6700	311	55
68	3	16	88	4	09	680	31	62
680	31	62	880	40	92	6800	316	20
69	3	21	89	4	14	690	32	09
690	32	09	890	41	39	6900	320	85
70	3	26	90	4	19	700	32	55
700	32	55	900	41	85	7000	325	50
71	3	30	91	4	23	710	33	02
710	33	02	910	42	32	7100	330	15
72	3	35	92	4	28	720	33	48
720	33	48	920	42	78	7200	334	80
73	3	39	93	4	32	730	33	95
730	33	95	930	43	25	7300	339	45
74	3	44	94	4	37	740	34	41
740	34	41	940	43	71	7400	344	10
75	3	49	95	4	42	750	34	88
750	34	88	950	44	18	7500	348	75
76	3	53	96	4	46	760	35	34
760	35	34	960	44	64	7600	353	40
77	3	58	97	4	51	770	35	81
770	35	81	970	45	11	7700	358	05
78	3	63	98	4	56	780	36	27
780	36	27	980	45	57	7800	362	70
79	3	67	99	4	60	790	36	74
790	36	74	990	46	04	7900	367	35
80	3	72	100	4	65	800	37	20
800	37	20	1000	46	50	8000	372	00
81	3	77	1010	46	55	8100		
82	3	81	1020	46	60	8200		
83	3	86	1030	46	65	8300		
84	3	91	1040	46	70	8400		
85	3	95	1050	46	75	8500		
86	4	00	1060	46	80	8600		
87	4	05	1070	46	85	8700		
88	4	09	1080	46	90	8800		
89	4	14	1090	46	95	8900		
90	4	19	1100	46	00	9000		
91	4	23	1110	46	05	9100		
92	4	28	1120	46	10	9200		
93	4	32	1130	46	15	9300		
94	4	37	1140	46	20	9400		
95	4	42	1150	46	25	9500		
96	4	46	1160	46	30	9600		
97	4	51	1170	46	35	9700		
98	4	56	1180	46	40	9800		
99	4	60	1190	46	45	9900		
100	4	65	1200	46	50	10000		

POUNDS.

2000 POUNDS ONE TON.

\$94.00			\$4.70			\$94.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		05	21		99	41	1	93	61	2	87	81	3	81
10		47	210	9	87	410	19	27	610	28	67	810	38	07
100	4	70	2100	98	70	4100	192	70	6100	286	70	8100	380	70
2		09	22	1	03	42	1	97	62	2	91	82	3	85
20		94	220	10	34	420	19	74	620	29	14	820	38	54
200	9	40	2200	103	40	4200	197	40	6200	291	40	8200	385	40
3		14	23	1	08	43	2	02	63	2	96	83	3	90
30	1	41	230	10	81	430	20	21	630	29	61	830	39	01
300	14	10	2300	108	10	4300	202	10	6300	296	10	8300	390	10
4		19	24	1	13	44	2	07	64	3	01	84	3	95
40	1	88	240	11	28	440	20	68	640	30	08	840	39	48
400	18	80	2400	112	80	4400	206	80	6400	300	80	8400	394	80
5		24	25	1	18	45	2	12	65	3	06	85	4	00
50	2	35	250	11	75	450	21	15	650	30	55	850	39	95
500	23	50	2500	117	50	4500	211	50	6500	305	50	8500	399	50
6		28	26	1	22	46	2	16	66	3	10	86	4	04
60	2	82	260	12	22	460	21	62	660	31	02	860	40	42
600	28	20	2600	122	20	4600	216	20	6600	310	20	8600	404	20
7		33	27	1	27	47	2	21	67	3	15	87	4	09
70	3	29	270	12	69	470	22	09	670	31	49	870	40	89
700	32	90	2700	126	90	4700	220	90	6700	314	90	8700	408	90
8		38	28	1	32	48	2	26	68	3	20	88	4	14
80	3	76	280	13	16	480	22	56	680	31	96	880	41	36
800	37	60	2800	131	60	4800	225	60	6800	319	60	8800	413	60
9		42	29	1	36	49	2	30	69	3	24	89	4	18
90	4	23	290	13	63	490	23	03	690	32	43	890	41	83
900	42	30	2900	136	30	4900	230	30	6900	324	30	8900	418	30
10		47	30	1	41	50	2	35	70	3	29	90	4	23
100	4	70	300	14	10	500	23	50	700	32	90	900	42	30
1000	47	00	3000	141	00	5000	235	00	7000	329	00	9000	423	00
11		52	31	1	46	51	2	40	71	3	34	91	4	28
110	5	17	310	14	57	510	23	97	710	33	37	910	42	77
1100	51	70	3100	145	70	5100	239	70	7100	333	70	9100	427	70
12		56	32	1	50	52	2	44	72	3	38	92	4	32
120	5	64	320	15	04	520	24	44	720	33	84	920	43	24
1200	56	40	3200	150	40	5200	244	40	7200	338	40	9200	432	40
13		61	33	1	55	53	2	49	73	3	43	93	4	37
130	6	11	330	15	51	530	24	91	730	34	31	930	43	71
1300	61	10	3300	155	10	5300	249	10	7300	343	10	9300	437	10
14		66	34	1	60	54	2	54	74	3	48	94	4	42
140	6	58	340	15	98	540	25	38	740	34	78	940	44	18
1400	65	80	3400	159	80	5400	253	80	7400	347	80	9400	441	80
15		71	35	1	65	55	2	59	75	3	53	95	4	47
150	7	05	350	16	45	550	25	85	750	35	25	950	44	65
1500	70	50	3500	164	50	5500	258	50	7500	352	50	9500	446	50
16		75	36	1	69	56	2	63	76	3	57	96	4	51
160	7	52	360	16	92	560	26	32	760	35	72	960	45	12
1600	75	20	3600	169	20	5600	263	20	7600	357	20	9600	451	20
17		80	37	1	74	57	2	68	77	3	62	97	4	56
170	7	99	370	17	39	570	26	79	770	36	19	970	45	59
1700	79	90	3700	173	90	5700	267	90	7700	361	90	9700	455	90
18		85	38	1	79	58	2	73	78	3	67	98	4	61
180	8	46	380	17	86	580	27	26	780	36	66	980	46	06
1800	84	60	3800	178	60	5800	272	60	7800	366	60	9800	460	60
19		89	39	1	83	59	2	77	79	3	71	99	4	65
190	8	93	390	18	33	590	27	73	790	37	13	990	46	53
1900	89	30	3900	183	30	5900	277	30	7900	371	30	9900	465	30
20		94	40	1	88	60	2	82	80	3	76	100	4	70
200	9	40	400	18	80	600	28	20	800	37	60	1000	47	00
2000	94	00	4000	188	00	6000	282	00	8000	376	00	10,000	470	00

2000 POUNDS ONE TON.

473

2000 POUNDS ONE TON.

474

2000 POUNDS ONE TON.

\$97.00						\$4.85						\$97.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		05	21	I	02	41	I	99	61	2	96	81	3	93
10		49	210	IO	19	410	19	89	610	29	59	810	39	29
100	4	85	2100	IOI	85	4100	198	85	6100	295	85	8100	392	85
2		10	22	I	07	42	2	04	62	3	01	82	3	98
20		97	220	IO	67	420	20	37	620	30	07	820	39	77
200	9	70	2200	IO6	70	4200	203	70	6200	300	70	8200	397	70
3		15	23	I	12	43	2	09	63	3	06	83	4	03
30	I	46	230	II	16	430	20	86	630	30	56	830	40	26
300	14	55	2300	III	55	4300	208	55	6300	305	55	8300	402	55
4		19	24	I	16	44	2	13	64	3	10	84	4	07
40	I	94	240	II	64	440	21	34	640	31	04	840	40	74
400	19	40	2400	II6	40	4400	213	40	6400	310	40	8400	407	40
5		24	25	I	21	45	2	18	65	3	15	85	4	12
50	2	43	250	I2	13	450	21	83	650	31	53	850	41	23
500	24	25	2500	I21	25	4500	218	25	6500	315	25	8500	412	25
6		29	26	I	26	46	2	23	66	3	20	86	4	17
60	2	91	260	I2	61	460	22	31	660	32	01	860	41	71
600	29	10	2600	I26	10	4600	223	10	6600	320	10	8600	417	10
7		34	27	I	31	47	2	28	67	3	25	87	4	22
70	3	40	270	I3	10	470	22	80	670	32	50	870	42	20
700	33	95	2700	I30	95	4700	227	95	6700	324	95	8700	421	95
8		39	28	I	36	48	2	33	68	3	30	88	4	27
80	3	88	280	I3	58	480	23	28	680	32	98	880	42	68
800	38	80	2800	I35	80	4800	232	80	6800	329	80	8800	426	80
9		44	29	I	41	49	2	38	69	3	35	89	4	32
90	4	37	290	I4	07	490	23	77	690	33	47	890	43	17
900	43	65	2900	I40	65	4900	237	65	6900	334	65	8900	431	65
10		49	30	I	46	50	2	43	70	3	40	90	4	37
100	4	85	300	I4	55	500	24	25	700	33	95	900	43	65
1000	48	50	3000	I45	50	5000	242	50	7000	339	50	9000	436	50
11		53	31	I	50	51	2	47	71	3	44	91	4	41
110	5	34	310	I5	04	510	24	74	710	34	44	910	44	14
1100	53	35	3100	I50	35	5100	247	35	7100	344	35	9100	441	35
12		58	32	I	55	52	2	52	72	3	49	92	4	46
120	5	82	320	I5	52	520	25	22	720	34	92	920	44	62
1200	58	20	3200	I55	20	5200	252	20	7200	349	20	9200	446	20
13		63	33	I	60	53	2	57	73	3	54	93	4	51
130	6	31	330	I6	01	530	25	71	730	35	41	930	45	11
1300	63	05	3300	I60	05	5300	257	05	7300	354	05	9300	451	05
14		68	34	I	65	54	2	62	74	3	59	94	4	56
140	6	79	340	I6	49	540	26	19	740	35	89	940	45	59
1400	67	90	3400	I64	90	5400	261	90	7400	358	90	9400	455	90
15		73	35	I	70	55	2	67	75	3	64	95	4	61
150	7	28	350	I6	98	550	26	68	750	36	38	950	46	08
1500	72	75	3500	I69	75	5500	266	75	7500	363	75	9500	460	75
16		78	36	I	75	56	2	72	76	3	69	96	4	66
160	7	76	360	I7	46	560	27	16	760	36	86	960	46	56
1600	77	60	3600	I74	60	5600	271	60	7600	368	60	9600	465	60
17		82	37	I	79	57	2	76	77	3	73	97	4	70
170	8	25	370	I7	95	570	27	65	770	37	35	970	47	05
1700	82	45	3700	I79	45	5700	276	45	7700	373	45	9700	470	45
18		87	38	I	84	58	2	81	78	3	78	98	4	75
180	8	73	380	I8	43	580	28	13	780	37	83	980	47	53
1800	87	30	3800	I84	30	5800	281	30	7800	378	30	9800	475	30
19		92	39	I	89	59	2	86	79	3	83	99	4	80
190	9	22	390	I8	92	590	28	62	790	38	32	990	48	02
1900	92	15	3900	I89	15	5900	286	15	7900	383	15	9900	480	15
20		97	40	I	94	60	2	91	80	3	88	100	4	85
200	9	70	400	I9	40	600	29	10	800	38	00	1000	48	50
2000	97	00	4000	I94	00	6000	291	00	8000	388	00	10,000	485	00

POUNDS.

2000 POUNDS ONE TON.

\$98.00			\$4.90			\$98.00								
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		05	21	I	03	41	2	01	61	2	99	81	3	97
10		49	210	I0	29	410	20	09	610	29	89	810	39	69
100	4	90	2100	I02	90	4100	200	90	6100	298	90	8100	396	90
2		10	22	I	08	42	2	06	62	3	04	82	4	02
20		98	220	I0	78	420	20	58	620	30	38	820	40	18
200	9	80	2200	I07	80	4200	205	80	6200	303	80	8200	401	80
3		15	23	I	13	43	2	11	63	3	09	83	4	07
30	I	47	230	I1	27	430	21	07	630	30	87	830	40	67
300	I4	70	2300	I12	70	4300	210	70	6300	308	70	8300	405	70
4		20	24	I	18	44	2	16	64	3	14	84	4	12
40	I	96	240	I1	76	440	21	56	640	31	36	840	41	16
400	I9	60	2400	I17	60	4400	215	60	6400	313	60	8400	411	60
5		25	25	I	23	45	2	21	65	3	19	85	4	17
50	2	45	250	I2	25	450	22	05	650	31	85	850	41	65
500	24	50	2500	I22	50	4500	220	50	6500	318	50	8500	416	50
6		29	26	I	27	46	2	25	66	3	23	86	4	21
60	2	94	260	I2	74	460	22	54	660	32	34	860	42	14
600	29	40	2600	I27	40	4600	225	40	6600	323	40	8600	421	40
7		34	27	I	32	47	2	30	67	3	28	87	4	26
70	3	43	270	I3	23	470	23	03	670	32	83	870	42	63
700	34	30	2700	I32	30	4700	230	30	6700	328	30	8700	426	30
8		39	28	I	37	48	2	35	68	3	33	88	4	31
80	3	92	280	I3	72	480	23	52	680	33	32	880	43	12
800	39	20	2800	I37	20	4800	235	20	6800	333	20	8800	431	20
9		44	29	I	42	49	2	40	69	3	38	89	4	36
90	4	41	290	I4	21	490	24	01	690	33	81	890	43	61
900	44	10	2900	I42	10	4900	240	10	6900	338	10	8900	436	10
10		49	30	I	47	50	2	45	70	3	43	90	4	41
100	4	90	300	I4	70	500	24	50	700	34	30	900	44	10
1000	49	00	3000	I47	00	5000	245	00	7000	343	00	9000	441	00
11		54	31	I	52	51	2	50	71	3	48	91	4	46
110	5	39	310	I5	19	510	24	99	710	34	79	910	44	59
1100	53	90	3100	I51	90	5100	249	90	7100	347	90	9100	445	90
12		59	32	I	57	52	2	55	72	3	53	92	4	51
120	5	88	320	I5	68	520	25	48	720	35	28	920	45	08
1200	58	80	3200	I56	80	5200	254	80	7200	352	80	9200	450	80
13		64	33	I	62	53	2	60	73	3	58	93	4	56
130	6	37	330	I6	17	530	25	97	730	35	77	930	45	57
1300	63	70	3300	I61	70	5300	259	70	7300	357	70	9300	455	70
14		69	34	I	67	54	2	65	74	3	63	94	4	61
140	6	86	340	I6	66	540	26	46	740	36	26	940	46	06
1400	68	60	3400	I66	60	5400	264	60	7400	362	60	9400	460	60
15		74	35	I	72	55	2	70	75	3	68	95	4	66
150	7	35	350	I7	15	550	26	95	750	36	75	950	46	55
1500	73	50	3500	I71	50	5500	269	50	7500	367	50	9500	465	50
16		78	36	I	76	56	2	74	76	3	72	96	4	70
160	7	84	360	I7	04	560	27	44	760	37	24	960	47	04
1600	78	40	3600	I76	40	5600	274	40	7600	372	40	9600	470	40
17		83	37	I	81	57	2	79	77	3	77	97	4	75
170	8	33	370	I8	13	570	27	93	770	37	73	970	47	53
1700	83	30	3700	I81	30	5700	279	30	7700	377	30	9700	475	30
18		88	38	I	86	58	2	84	78	3	82	98	4	80
180	8	82	380	I8	62	580	28	42	780	38	22	980	48	02
1800	88	20	3800	I86	20	5800	284	20	7800	382	20	9800	480	20
19		93	39	I	91	59	2	89	79	3	87	99	4	85
190	9	31	390	I9	11	590	28	91	790	38	71	990	48	51
1900	93	10	3900	I91	10	5900	289	10	7900	387	10	9900	485	10
20		98	40	I	96	60	2	94	80	3	92	100	4	90
200	9	80	400	I9	60	600	29	40	800	39	20	1000	49	00
2000	98	00	4000	I96	00	6000	294	00	8000	392	00	10,000	490	00

POUNDS.

2000 POUNDS ONE TON.

\$99.00

\$4.95

\$99.00

Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		05	21	I	04	41	2	03	61	3	02	81	4	01
10		50	210	10	40	410	20	30	610	30	20	810	40	10
100	4		2100	103	95	4100	202	95	6100	301	95	8100	400	95
2		10	22	I	09	42	2	08	62	3	07	82	4	06
20		99	220	10	89	420	20	79	620	30	69	820	40	59
200	9	90	2200	108	90	4200	207	90	6200	306	90	8200	405	90
3		15	23	I	14	43	2	13	63	3	12	83	4	11
30	I	49	230	11	39	430	21	29	630	31	19	830	41	09
300	14	85	2300	113	85	4300	212	85	6300	311	85	8300	410	85
4		20	24	I	19	44	2	18	64	3	17	84	4	16
40	I	98	240	11	88	440	21	78	640	31	68	840	41	58
400	19	80	2400	118	80	4400	217	80	6400	316	80	8400	415	80
5		25	25	I	24	45	2	23	65	3	22	85	4	21
50	2	48	250	12	38	450	22	28	650	32	18	850	42	08
500	24	75	2500	123	75	4500	222	75	6500	321	75	8500	420	75
6		30	26	I	29	46	2	28	66	3	27	86	4	26
60	2	97	260	12	87	460	22	77	660	32	67	860	42	57
600	29	70	2600	128	70	4600	227	70	6600	326	70	8600	425	70
7		35	27	I	34	47	2	33	67	3	32	87	4	31
70	3	47	270	13	37	470	23	27	670	33	17	870	43	07
700	34	65	2700	133	65	4700	232	65	6700	331	65	8700	430	65
8		40	28	I	39	48	2	38	68	3	37	88	4	36
80	3	96	280	13	86	480	23	76	680	33	66	880	43	56
800	39	60	2800	138	60	4800	237	60	6800	336	60	8800	435	60
9		45	29	I	44	49	2	43	69	3	42	89	4	41
90	4	46	290	14	36	490	24	26	690	34	16	890	44	06
900	44	55	2900	143	55	4900	242	55	6900	341	55	8900	440	55
10		50	30	I	49	50	2	48	70	3	47	90	4	46
100	4	95	300	14	85	500	24	75	700	34	65	900	44	55
1000	49	50	3000	148	50	5000	247	50	7000	346	50	9000	445	50
11		54	31	I	53	51	2	52	71	3	51	91	4	50
110	5	45	310	15	35	510	25	25	710	35	15	910	45	05
1100	54	45	3100	153	45	5100	252	45	7100	351	45	9100	450	45
12		59	32	I	58	52	2	57	72	3	56	92	4	55
120	5	94	320	15	84	520	25	74	720	35	64	920	45	54
1200	59	40	3200	158	40	5200	257	40	7200	356	40	9200	455	40
13		64	33	I	63	53	2	62	73	3	61	93	4	60
130	6	44	330	16	34	530	26	24	730	36	14	930	46	04
1300	64	35	3300	163	35	5300	262	35	7300	361	35	9300	460	35
14		69	34	I	68	54	2	67	74	3	66	94	4	65
140	6	93	340	16	83	540	26	73	740	36	63	940	46	53
1400	69	30	3400	168	30	5400	267	30	7400	366	30	9400	465	30
15		74	35	I	73	55	2	72	75	3	71	95	4	70
150	7	43	350	17	33	550	27	23	750	37	13	950	47	03
1500	74	25	3500	173	25	5500	272	25	7500	371	25	9500	470	25
16		79	36	I	78	56	2	77	76	3	70	96	4	75
160	7	92	360	17	82	560	27	72	760	37	62	960	47	52
1600	79	20	3600	178	20	5600	277	20	7600	376	20	9600	475	20
17		84	37	I	83	57	2	82	77	3	81	97	4	80
170	8	42	370	18	32	570	28	22	770	38	12	970	48	02
1700	84	15	3700	183	15	5700	282	15	7700	381	15	9700	480	15
18		89	38	I	88	58	2	87	78	3	86	98	4	85
180	8	91	380	18	81	580	28	71	780	38	61	980	48	51
1800	89	10	3800	188	10	5800	287	10	7800	386	10	9800	485	10
19		94	39	I	93	59	2	92	79	3	91	99	4	90
190	9	41	390	19	31	590	29	21	790	39	11	990	49	01
1900	94	05	3900	193	05	5900	292	05	7900	391	05	9900	490	05
20		99	40	I	98	60	2	97	80	3	96	100	4	95
200	9	90	400	19	80	600	29	70	800	39	60	1000	49	50
2000	99	00	4000	198	00	6000	297	00	8000	396	00	10,000	495	00

POUNDS.

2000 POUNDS ONE TON.

\$100.00			\$5.00			\$100.00		
Lbs.	\$	Cts.	Lbs.	\$	Cts.	Lbs.	\$	Cts.
1		05	21	1	05	41	2	05
10		50	210	10	50	410	20	50
100	5	00	2100	105	00	4100	205	00
2		10	22	1	10	42	2	10
20	1	00	220	11	00	420	21	00
200	10	00	2200	110	00	4200	210	00
3		15	23	1	15	43	2	15
30	1	50	230	11	50	430	21	50
300	15	00	2300	115	00	4300	215	00
4		20	24	1	20	44	2	20
40	2	00	240	12	00	440	22	00
400	20	00	2400	120	00	4400	220	00
5		25	25	1	25	45	2	25
50	2	50	250	12	50	450	22	50
500	25	00	2500	125	00	4500	225	00
6		30	26	1	30	46	2	30
60	3	00	260	13	00	460	23	00
600	30	00	2600	130	00	4600	230	00
7		35	27	1	35	47	2	35
70	3	50	270	13	50	470	23	50
700	35	00	2700	135	00	4700	235	00
8		40	28	1	40	48	2	40
80	4	00	280	14	00	480	24	00
800	40	00	2800	140	00	4800	240	00
9		45	29	1	45	49	2	45
90	4	50	290	14	50	490	24	50
900	45	00	2900	145	00	4900	245	00
10		50	30	1	50	50	2	50
100	5	00	300	15	00	500	25	00
1000	50	00	3000	150	00	5000	250	00
11		55	31	1	55	51	2	55
110	5	50	310	15	50	510	25	50
1100	55	00	3100	155	00	5100	255	00
12		60	32	1	60	52	2	60
120	6	00	320	16	00	520	26	00
1200	60	00	3200	160	00	5200	260	00
13		65	33	1	65	53	2	65
130	6	50	330	16	50	530	26	50
1300	65	00	3300	165	00	5300	265	00
14		70	34	1	70	54	2	70
140	7	00	340	17	00	540	27	00
1400	70	00	3400	170	00	5400	270	00
15		75	35	1	75	55	2	75
150	7	50	350	17	50	550	27	50
1500	75	00	3500	175	00	5500	275	00
16		80	36	1	80	56	2	80
160	8	00	360	18	00	560	28	00
1600	80	00	3600	180	00	5600	280	00
17		85	37	1	85	57	2	85
170	8	50	370	18	50	570	28	50
1700	85	00	3700	185	00	5700	285	00
18		90	38	1	90	58	2	90
180	9	00	380	19	00	580	29	00
1800	90	00	3800	190	00	5800	290	00
19		95	39	1	95	59	2	95
190	9	50	390	19	50	590	29	50
1900	95	00	3900	195	00	5900	295	00
20		1 00	40	2	00	60	3	00
200	10	00	400	20	00	600	30	00
2000	100	00	4000	200	00	6000	300	00
61	3	05	610	30	50	6100	305	00
62	3	10	620	31	00	6200	310	00
63	3	15	630	31	50	6300	315	00
64	3	20	640	32	00	6400	320	00
65	3	25	650	32	50	6500	325	00
66	3	30	660	33	00	6600	330	00
67	3	35	670	33	50	6700	335	00
68	3	40	680	34	00	6800	340	00
69	3	45	690	34	50	6900	345	00
70	3	50	700	35	00	7000	350	00
71	3	55	710	35	50	7100	355	00
72	3	60	720	36	00	7200	360	00
73	3	65	730	36	50	7300	365	00
74	3	70	740	37	00	7400	370	00
75	3	75	750	37	50	7500	375	00
76	3	80	760	38	00	7600	380	00
77	3	85	770	38	50	7700	385	00
78	3	90	780	39	00	7800	390	00
79	3	95	790	39	50	7900	395	00
80	4	00	800	40	00	8000	400	00
81	4	05	810	40	50	8100	405	00
82	4	10	820	41	00	8200	410	00
83	4	15	830	41	50	8300	415	00
84	4	20	840	42	00	8400	420	00
85	4	25	850	42	50	8500	425	00
86	4	30	860	43	00	8600	430	00
87	4	35	870	43	50	8700	435	00
88	4	40	880	44	00	8800	440	00
89	4	45	890	44	50	8900	445	00
90	4	50	900	45	00	9000	450	00
91	4	55	910	45	50	9100	455	00
92	4	60	920	46	00	9200	460	00
93	4	65	930	46	50	9300	465	00
94	4	70	940	47	00	9400	470	00
95	4	75	950	47	50	9500	475	00
96	4	80	960	48	00	9600	480	00
97	4	85	970	48	50	9700	485	00
98	4	90	980	49	00	9800	490	00
99	4	95	990	49	50	9900	495	00
100	5	00	1000	50	00	10,000	500	00

Foreign Coins

The value in United States money of one ounce (Troy) of gold, 1000 fine, is \$20.67.2; and, as the standard fineness of American coin, the Latin Union and nine-tenths of the world is 900 fine, it follows that an ounce of gold, 900 fine, is worth \$18.60.48. In order to ascertain the metal value when the grains of pure gold are known or given, reduce to ounces by dividing the number of grains by 480 (grains in an ounce), and multiply the result by the value of an ounce of gold 1000 fine, or \$20.67.2. For example, the weight of a double eagle is 516 grains 900 fine, which is equal to 464.4 grains 1000 fine, and $464.4 \times \$20.67.2 = \20.00 . An English sovereign weighs 123.27 grains and is 916.6 fine, or 113 grains pure gold; hence, $113 \div 480 = 23\frac{13}{24} \times 20.67.2 = \$4.86.6\frac{1}{2}$. The metal and current value of gold coins in the following tables are figured on this basis, and consequently are the same. It might be well to mention in this connection that the least current weight in grains of a \$20.00 gold piece is 513.42; of \$10.00, 256.71; of \$5.00, 128.86, and that of a \$2.50 piece, 64.18.

With the prospect of a more extended commerce with the South American Republics, I have endeavored to give the fineness and value of their coins, in order that merchants and others may, perhaps, become more familiar with the facts. As silver is a variable element, I have computed the "metal values" on a basis of 1000 fine and at \$1.00 per ounce. The valuations of all silver coins given as "current valuations" are either their worth in United States money, as established by the Director of the Mint and approved by the Secretary of the Treasury, or arrived at, when not known, from such established values. To be more explicit, if a franc is worth .19.3 it would be a low estimate to place five francs at .96, particularly so when it is shown that while five francs weigh just five times more than one franc, it contains more than five times as much, in weight, of pure metal. Therefore, placing five francs at .96, it must follow that a peso bolivar or sol of South America, each weighing an equal number of grains as a five franc piece, are worth a like amount. The extensions are made on a similar basis for coins of lesser denominations.

United States.

Monetary Unit.	Standard Coins.	Denomination.	Grains Legal Weight	Finess.	Grains Pure.	Metal Value.			Current Value.		
						\$	C.	M.	\$	C.	M.
Dollar.	Double Eagle.	Double Eagle, Gold.....	516.	900	464.4	20	..	.	20	..	.
	Eagle.	Eagle, "	258.	900	232.2	10	..	.	10	..	.
		Half Eagle, "	129.	900	116.1	5	..	.	5	..	.
	Eagle.	Quarter Eagle, "	64.5	900	58.5	2	50	.	2	50	.
		Dollar, Trade, Silver....	420.	900	378.	..	78	7	1	..	.
	Half Eagle.	" Standard, "	412.5	900	371.25	..	77	3	1	..	.
		Half-Dollar, "	192.9	900	173.6	..	36	1	..	50	.
	Quarter Eagle.	Quarter-Dollar, "	96.45	900	86.8	..	18	1	..	25	.
		Dime, "	38.58	900	34.72	..	07	3	..	10	.
		Half-Dime, "	19.29	900	17.36	..	03	6	..	05	.

England.

Monetary Unit.	Standard Coins.	Denomination.	Grains Legal Weight	Finess.	Grains Pure.	Metal Value.			Current Value.		
						\$	C.	M.	\$	C.	M.
£ Sterling	Sovereign and Half Sovereign.	Sovereign, Gold.....	123.27	916.6	112.99	4	86	6	4	86	6
		Half-Sovereign, Gold...	61.63	916.6	56.50	2	43	3	2	43	3
		Guinea, Gold.....	129.5	916.6	118.6	5	10	8	5	10	8
		Crown, Silver.....	436.36	925.	403.63	..	84	.	1	21	6
		Half-Crown, Silver.....	218.18	925.	211.81	..	42	.	..	60	8
		Shilling, Silver.....	87.27	925.	80.72	..	16	8	..	24	3
		Penny, "	7.27	925.	6.72	..	01	.	..	02	.

France.

Monetary Unit.	Standard Coins.	Denomination.	Grains Legal Weight	Finess.	Grains Pure.	Metal Value.			Current Value.		
						\$	C.	M.	\$	C.	M.
Franc.	Five, Ten and Twenty Francs.	100 Francs, Gold	497.8	900	448.02	19	29	5	19	29	5
		50 " "	248.9	900	224.01	9	64	7	9	64	7
		20 " "	99.56	900	89.6	3	85	8	3	85	8
		10 " "	49.78	900	44.8	1	92	9	1	92	9
		5 " "	24.89	900	22.4	..	96	4	..	96	4
		5 " Silver.....	285.8	900	347.2	..	72	3	..	96	4
		2 " "	154.32	835	128.87	..	26	8	..	38	6
		1 " "	77.16	835	64.43	..	13	4	..	19	3
		50 Centimes "	38.58	835	32.21	..	06	7	..	09	6
		20 " "	15.43	835	12.88	..	02	7	..	03	8

Germany.

Monetary Unit.	Standard Coins.	Denomination.	Grains Legal Weight	Finess.	Grains Pure.	Metal Value.			Current Value.		
						\$	C.	M.	\$	C.	M.
Mark.	Five, Ten and Twenty Marks.	20 Marks, Gold.....	122.91	900	110.61	4	76	3	4	76	3
		10 " "	61.45	900	55.30	2	38	1	2	38	1
		5 " "	30.72	900	27.65	1	19	.	1	19	.
		5 " Silver.....	428.66	900	385.79	..	80	3	1	19	.
		2 " "	171.46	900	154.31	..	32	1	..	47	6
		1 " "	85.73	900	77.15	..	16	1	..	23	8
		50 Pfennig, "	42.86	900	38.57	..	08	.	..	11	9
		20 " "	17.14	900	15.43	..	03	2	..	04	7
		10 " "	8.7	900	7.71	..	01	6	..	02	3
		5 " "	4.3	900	3.85	..	..	8	..	01	.
		1 Thaler, "	285.	900	256.5	..	53	4	..	69	.
		1 Groschen, "	33.	900	7.26	..	01	5	..	02	.

Argentine Republic, S. A.

Monetary Unit.	Standard Coins.	Denomination.	Grains Legal Weight	Finess.	Grains Pure.	Metal Value.			Current Value.		
						\$	C.	M.	\$	C.	M.
Peso.	Peso and Divisions.	1 Argentine, Gold	124.45	900	112.	4	82	3	4	82	4
		1 Peso, Silver.....	385.8	900	347.2	..	72	3	..	96	5
		1/2 " "	192.9	900	173.6	..	36	1	..	48	3
		1/5 " "	77.16	900	69.4	..	14	4	..	19	3
		1/10 " "	38.58	900	34.7	..	07	2	..	09	6
		1/20 " "	19.29	900	17.3	..	03	6	..	04	8
		1 Real, "	45.	851	38.3	..	08	.	..	09	6

Bolivia, S. A.

Monetary Unit.	Standard Coins.	Denomination.	Grains Legal Weight	Finess.	Grains Pure.	Metal Value.			Current Value.		
						\$	C.	M.	\$	C.	M.
Boliviano.	Boliviano and Divisions.	10 Bolivianos, Gold.....	248.90	900	224.	9	64	6	9	64	6
		5 " "	124.45	900	112.	4	82	3	4	82	3
		2 " "	49.78	900	44.8	1	92	9	1	92	9
		1 " Silver.....	385.8	900	347.2	..	72	3	..	96	5
		1/2 " "	192.9	900	173.6	..	36	1	..	48	3
		1 Real, Silver	38.58	900	34.7	..	07	2	..	09	6
		1/2 " "	19.29	900	17.3	..	03	6	..	04	8
		1 Paseta, "	77.16	900	69.4	..	14	4	..	19	3

Brazil, S. A.

Monetary Unit.	Standard Coins.	Denomination.	Grains Legal Weight	Finess.	Grains Pure.	Metal Value.			Current Value.		
						\$	C.	M.	\$	C.	M.
Milreis of 1000 Reis	Five, Ten and Twenty Milreis.	20 Milreis, Gold.....	276.63	916.6	253.56	10	92	.	10	92	.
		10 " "	138.31	916.6	126.78	5	46	.	5	46	.
		5 " "	69.16	916.5	63.39	2	73	.	2	73	.
		2 " Silver.....	385.8	900.	347.2	..	72	3	..	96	5
		1 " "	192.9	900.	173.6	..	36	1	..	48	3
		½ " "	96.4	900.	86.8	..	18	.	..	24	2

Chili, S. A.

Monetary Unit.	Standard Coins.	Denomination.	Grains Legal Weight	Finess.	Grains Pure.	Metal Value.			Current Value.		
						\$	C.	M.	\$	C.	M.
Peso.	Condor, Doubloon and Escudo.	Condor, Gold	235.35	900	211.81	9	12	2	9	12	3
		Doubloon, "	117.67	900	105.9	4	56	1	4	56	1
		Escudo, "	47.07	900	42.36	1	82	4	1	82	4
		Peso, "	23.53	900	21.18	..	91	2	..	91	2
		" Silver.....	385.8	900	347.2	..	72	3	..	96	5
		50 Centavos, Silver.....	192.9	900	173.6	..	36	1	..	48	3
		20 " "	77.16	900	69.44	..	14	4	..	19	4
		10 " "	38.58	900	34.72	..	07	2	..	09	7
		5 " "	19.29	900	17.36	..	03	6	..	04	8

U. S. Columbia, S. A.

Monetary Unit.	Standard Coins.	Denomination.	Grains Legal Weight	Finess.	Grains Pure.	Metal Value.			Current Value.		
						\$	C.	M.	\$	C.	M.
Peso.	Peso and Divisions.	Doubloon, Gold.....	416.	870	361.9	15	58	6	15	58	6
		½ Doubloon, Gold	208.	870	180.9	7	79	3	7	79	3
		Escudo, ¼ D., "	48.	860	41.28	1	77	8	1	77	8
		Peso, Gold.....	24.	872	20.9	..	90	1	..	90	1
		" 8 Reals, Silver.....	360.	665	239.4	..	49	8	..	..	..
		½ Peso, 4 Reals, "	177.	880	155.76	..	32	4	..	..	..
		¼ " 2 " "	88.5	850	75.2	..	15	6	..	..	..
		⅛ " 1 " "	35.	850	27.7	..	06	1	..	..	..

Ecuador, S. A.

Monetary Unit.	Standard Coins.	Denomination.	Grains Legal Weight	Finess.	Grains Pure.	Metal Value.			Current Value.		
						\$	C.	M.	\$	C.	M.
Sucre.	$\frac{1}{10}$, $\frac{1}{3}$, $\frac{1}{2}$ and 1 Sucre.	Doubloon, Gold	419.	868	363.69	15	66	3	15	66	3
		Peso, Silver	385.8	900	347.2	..	72	3	..	73	5
		Sucre, "	381.	900	342.9	..	71	4	..	73	5
		$\frac{1}{2}$ Sucre.....	193.	900	171.9	..	35	8	..	36	8
		$\frac{1}{5}$ "	77.	900	69.3	..	14	4	..	14	7
		$\frac{1}{10}$ "	38.5	900	34.65	..	07	.	..	07	4

Guatemala, S. A.

Monetary Unit.	Standard Coins.	Denomination.	Grains Legal Weight	Finess.	Grains Pure.	Metal Value.			Current Value.		
						\$	C.	M.	\$	C.	M.
Peso.	Silver Peso and Divisions.	Quadruple, Gold.....	417.	825	344.02	14	80	1	14	80	1
		$\frac{1}{2}$ Quadruple, Gold.....	206.	875	180.02	7	75	2	7	75	2
		$\frac{1}{4}$ " "	104.	850	88.40	3	80	7	3	80	7
		Peso, Silver	385.8	900	347.2	..	72	3	..	73	5
		Real.....	53.	900	47.7	..	09	9	..	13	.
		2 Reals.....	106.	900	95.4	..	19	8	..	26	.
		4 "	212.	900	190.8	..	39	7	..	52	.

Honduras and Uruguay, S. A.

Monetary Unit.	Standard Coins.	Denomination.	Grains Legal Weight	Finess.	Grains Pure.	Metal Value.			Current Value.		
						\$	C.	M.	\$	C.	M.
Peso.	Peso and Divisions.	Peso, Silver	385.8	900	347.2	..	72	3	..	73	5
		$\frac{1}{2}$ Peso, "	192.9	900	223.6	..	36	1	..	36	8

Venezuela, S. A.

Monetary Unit.	Standard Coins.	Denomination.	Grains Legal Weight	Finess.	Grains Pure.	Metal Value.			Current Value.		
						\$	C.	M.	\$	C.	M.
Bolivar.	Bolivar and Divisions.	Bolivar, Silver	385.8	900	347.2	..	72	3	..	73	5
		$\frac{1}{2}$ Bolivar, "	192.9	835	161.	..	33	5	..	36	8
		$\frac{1}{5}$ " "	77.1	835	64.37	..	13	4	..	14	7
		$\frac{1}{10}$ " "	38.5	835	32.18	..	06	7	..	7	4

Mexico.

Monetary Unit.	Standard Coins.	Denomination.	Grains Legal Weight	Finess.	Grains Pure.	Metal Value.			Current Value.		
						\$	C.	M.	\$	C.	M.
Dollar.	Dollar, Gold and Silver, and Divisions.	20 Pesos, Gold	522.23	875	456.95	19	65	9	19	65	9
		10 " "	261.11	875	228.47	9	82	9	9	82	9
		5 " "	130.55	875	114.23	4	91	4	4	91	4
		$2\frac{1}{2}$ " "	65.28	875	57.12	2	45	7	2	45	7
		1 Peso, "	26.11	875	22.84	..	98	2	..	98	3
		1 " Silver	417.79	902.7	377.13	..	78	5	..	87	5
		1 Dollar	387.	900	350.1	..	70	2	..	80	.
		$\frac{1}{2}$ "	190.	900	171.	..	30	5	..	40	.
		50 Centavos	208.89	902.7	188.56	..	39	2	..	43	6
		25 "	104.44	902.7	94.28	..	19	6	..	21	8
		10 "	41.78	902.7	37.71	..	07	8	..	08	7
		5 "	20.89	902.7	18.85	..	03	9	..	04	3

New Grenada, S. A.

Monetary Unit.	Standard Coins.	Denomination.	Grains Legal Weight	Finess.	Grains Pure.	Metal Value.			Current Value.		
						\$	C.	M.	\$	C.	M.
Peso.	Peso and Divisions.	Doubloon, Gold	417	870	362.79	15	62	4	15	62	4
		$\frac{1}{2}$ Doubloon, Gold	58	867	50.28	2	15	.	2	15	.
		Peso, 8 Reals, Silver.....	398	900	358.2	..	74	6	..	75	9
		1 Real, Silver.....	40	900	36.	..	07	5	..	08	8
		Dos Decimos, Silver.....	77	900	69.3	..	14	4	..	15	7

Peru, S. A.

Monetary Unit.	Standard Coins.	Denomination.	Grains Legal Weight	Finess.	Grains Pure.	Metal Value.			Current Value.		
						\$	C.	M.	\$	C.	M.
Sol.	Sol and Divisions.	Onza, Gold.....	416.	870	361.92	15	58	6	15	58	6
		½ Onza, ".....	208	870	180.96	7	79	3	7	79	3
		¼ " ".....	104	870	90.48	3	89	6	3	89	6
		5 Incas, ".....	89.65	900	80.68	..	16	8	..	24	.
		2 " ".....	35.86	900	32.27	..	06	7	..	09	6
		1 " ".....	17.93	900	16.13	..	03	3	..	04	8
		1 Sol, Silver.....	385.8	900	347.2	..	72	3	..	73	5
		5 Pesetas, ".....	385.8	900	347.2	..	72	3	..	73	5
		1 Peseta, ".....	77.16	900	69.44	..	14	4	..	14	7
		1 Real, ".....	38.58	900	34.72	..	07	2	..	07	4
		½ " ".....	19.29	900	17.36	..	03	6	..	03	7

Japan.

Monetary Unit.	Standard Coins.	Denomination.	Grains Legal Weight	Finess.	Grains Pure.	Metal Value.			Current Value.		
						\$	C.	M.	\$	C.	M.
Yen.	Gold and Silver Yen.	20 Yen, Gold.....	514.41	900	462.97	19	93	8	19	93	8
		10 " ".....	257.20	900	231.48	9	96	9	9	96	9
		5 " ".....	128.60	900	115.74	4	98	4	4	98	4
		2 " ".....	51.44	900	46.29	1	99	3	1	99	3
		1 " ".....	25.72	900	23.14	..	99	6	..	99	6
		1 " Silver.....	416.	900	374.4	..	78	.	..	79	2
		50 Sen, ".....	203.	900	187.2	..	39	.	..	39	6
		20 " ".....	83.2	900	74.88	..	15	6	..	15	8
		10 " ".....	41.6	900	37.44	..	07	8	..	07	9
		5 " ".....	20.8	900	18.72	..	03	9	..	03	9

Foreign Coins.

REFERENCE INDEX TO ILLUSTRATIONS.

The figures in the left hand column refer to corresponding numbers placed under the illustrations, which show the appearance of the kind of coin or coins, the denominations of which are given opposite the index numbers.

ENGLAND.

1. Sovereign.
2. Crown.
3. Shilling.
4. Penny.

FRANCE.

5. 20 Francs.
6. 5 Francs.
7. 1 Franc.
8. 50 Centimes.

GERMANY.

9. 20 Marks.
10. 5 Marks.
11. 1 Mark.
12. 50 Pfennig.
13. 1 Thaler.
14. 1 Groschen.

ARGENTINE REPUBLIC.

15. 1 Peso.
16. 1 Real.

BOLIVIA.

17. 1 Boliviano.

BRAZIL.

18. 1 Milreis.

CHILI.

19. 1 Peso.
20. 20 Centavos.
21. 10 Centavos.
22. 5 Centavos.

COLUMBIA.

23. 1 Doubloon.
24. 1 Escudo.
25. 1 Peso.

ECUADOR.

26. 1 Doubloon.
27. 1 Sucre.
28. 1 Peso.

GUATEMALA.

29. 1 Quadruple.
30. 1 Peso.
31. 1 Real.

HONDURAS.

32. 1 Peso.

URUGUAY.

33. 1 Peso.
34. $\frac{1}{2}$ Peso.

VENEZUELA.

35. 1 Bolivar.
36. $\frac{1}{2}$ Bolivar.

MEXICO.

37. 10 Pesos.
38. 5 Pesos.
39. 1 Peso.

NEW GRENADA.

40. 1 Peso.
41. 1 Dos Decimos.

PERU.

42. 1 Onza.
43. 1 Sol.
44. 5 Pesetas.
45. 2 Reals.

JAPAN.

46. 20 Yen.
47. 1 Yen.
48. 1 Yen.
49. 50 Sen.
50. 1 Dime.



2



1



3



2



7



4



5



13



6



10



8



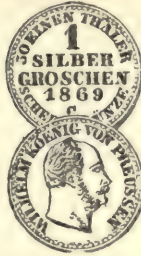
9



FOREIGN COINS.



11



12



17



16



17



20



21



22



24



15



18



23



19



25

26

27



28

28



29



31



30

30

FOREIGN COINS.



32

34

35



37

33

37



38

36

38

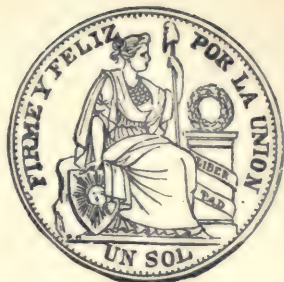


41

39

41

FOREIGN COINS.



40

42

43



44

49

48



50



47



47



46



45



46

Sterling Exchange.

The object of the following table of Sterling Exchange is to show the value of one shilling, and also the value of one penny, at the various fluctuations of one pound sterling, thus affording a ready means of calculating freight on cargo, destined to English ports, at the rate quoted and agreed upon at the time of contract or shipment. If at the time of the transaction it is understood that the freight to be paid is 2*£*, 1*s.*, 3*d.* per long ton of 2240 pounds, and Exchange is quoted at \$4.81 per *£* sterling, we find by reference to the table that at the above valuation 1*s.* is worth $24\frac{1}{20}\%$, and the value of 1*d.* is $2\frac{1}{240}\%$. Therefore we have—

$$\begin{aligned} 1\text{£} &= \$4.81 \times 2 = \$9.62 \\ 1\text{s.} &= \dots\dots\dots .24\frac{1}{20}\% \\ 1\text{d.} &= 2\frac{1}{240}\% \times 3 = \frac{.06\frac{1}{80}}{\$9.92\frac{1}{16}\%}, \text{ making a total per ton} \end{aligned}$$

of \$9.92 $\frac{1}{16}$.

RULES AND EXAMPLES FOR THE REDUCTION OF FRACTIONS.

To reduce to a Common Denominator—Multiply the Denominators together for the new Denominator; multiply each Numerator by the other Denominators for the new Numerators.

Example—

$$\frac{1}{2} \quad \frac{2}{3} = \frac{3}{6} \quad \frac{4}{6} \text{ Ans.}$$

To add—Reduce to a common Denominator; add Numerators; reduce.

Example—

$$\frac{1}{2} + \frac{5}{6} = \frac{3}{12} + \frac{10}{12} = \frac{13}{12} = 1\frac{1}{12} = 1\frac{1}{3} \text{ Ans.}$$

To subtract—Reduce to a common Denominator; subtract Numerators; reduce.

Example—

$$\frac{5}{9} - \frac{1}{2} = \frac{10}{18} - \frac{9}{18} = \frac{1}{18} \text{ Ans. (Cannot be reduced.)}$$

To multiply—Reduce mixed numbers to fractions; multiply Numerators together for new Numerators, and Denominators together for new Denominators.

Example—

$$4\frac{1}{3} \times 2\frac{1}{2} = \frac{13}{3} \times \frac{5}{2} = \frac{65}{6} = 10\frac{5}{6} \text{ Ans.}$$

To divide—1st. To divide fractions by whole numbers. Divide Numerator when it will exactly divide, or multiply Denominators by Divisor.

Example—

$$\begin{aligned} \frac{6}{10} \div 2 &= \frac{3}{10} \text{ Ans.} \\ \frac{7}{10} \div 2 &= \frac{7}{20} \text{ Ans.} \end{aligned}$$

2d. To divide a whole number by a fraction. Multiply whole number by Denominator of fraction and divide that answer by Numerator of fraction.
 Example—

$$15 \div \frac{2}{3} = 15 \times 3 = 45. \quad 45 \div 2 = 22\frac{1}{2} \text{ Ans.}$$

3d. To divide a fraction by another fraction. Invert the one that you want to divide by; then multiply Numerators together for a new Numerator, and the Denominators together for a new Denominator, and reduce.

Examples—

$$\begin{aligned} 6\frac{1}{2} \div 3\frac{1}{4} &= \frac{13}{2} \div \frac{13}{4} = \frac{13}{2} \times \frac{4}{13} = \frac{4}{2} = 2 \text{ Ans.} \\ \frac{3}{8} \div \frac{4}{9} &= \frac{3}{8} \times \frac{9}{4} = \frac{27}{32} \text{ Ans. (Cannot be reduced.)} \\ \frac{28}{27} \div 2 &= \frac{28}{27} \div \frac{2}{1} = \frac{28}{27} \times \frac{1}{2} = \frac{28}{54} = \frac{14}{27} \text{ Ans.} \\ \frac{28}{27} \div \frac{1}{2} &= \frac{28}{27} \times \frac{2}{1} = \frac{56}{27} = 2\frac{2}{27} \text{ Ans.} \end{aligned}$$

Explanation—

- + Means that the figures between which it is placed are to be added together.
- × Means that they are to be multiplied.
- Means that they are to be subtracted.
- ÷ Means that they are to be divided.
- = Is a sign of equality.



STERLING EXCHANGE.

1 £		1 s.	1 d.	1 £		1 s.	1 d.
\$	Cents.	Cents.	Cents.	\$	Cents.	Cents.	Cents.
4 80		24	2	4 85		24 $\frac{1}{4}$	2 $\frac{1}{8}$
4 80 $\frac{1}{4}$		24 $\frac{1}{8}$ o	2 $\frac{1}{96}$ o	4 85 $\frac{1}{4}$		24 $\frac{21}{80}$	2 $\frac{7}{32}$ o
4 80 $\frac{1}{2}$		24 $\frac{1}{4}$ o	2 $\frac{1}{48}$ o	4 85 $\frac{1}{2}$		24 $\frac{11}{40}$	2 $\frac{11}{48}$ o
4 80 $\frac{3}{4}$		24 $\frac{3}{8}$ o	2 $\frac{1}{32}$ o	4 85 $\frac{3}{4}$		24 $\frac{23}{80}$	2 $\frac{23}{96}$ o
4 81		24 $\frac{1}{2}$ o	2 $\frac{1}{24}$ o	4 86		24 $\frac{3}{10}$	2 $\frac{3}{32}$ o
4 81 $\frac{1}{4}$		24 $\frac{1}{16}$	2 $\frac{1}{192}$	4 86 $\frac{1}{4}$		24 $\frac{5}{16}$	2 $\frac{5}{192}$
4 81 $\frac{1}{2}$		24 $\frac{3}{4}$ o	2 $\frac{1}{16}$ o	4 86 $\frac{1}{2}$		24 $\frac{13}{40}$	2 $\frac{13}{48}$ o
4 81 $\frac{3}{4}$		24 $\frac{7}{8}$ o	2 $\frac{7}{96}$ o	4 86 $\frac{3}{4}$		24 $\frac{27}{80}$	2 $\frac{9}{32}$ o
4 82		24 $\frac{1}{10}$ o	2 $\frac{1}{120}$ o	4 87		24 $\frac{7}{20}$	2 $\frac{7}{40}$ o
4 82 $\frac{1}{4}$		24 $\frac{9}{80}$ o	2 $\frac{3}{320}$ o	4 87 $\frac{1}{4}$		24 $\frac{29}{80}$ o	2 $\frac{29}{96}$ o
4 82 $\frac{1}{2}$		24 $\frac{1}{8}$	2 $\frac{1}{96}$	4 87 $\frac{1}{2}$		24 $\frac{3}{8}$	2 $\frac{1}{32}$
4 82 $\frac{3}{4}$		24 $\frac{11}{80}$ o	2 $\frac{11}{960}$ o	4 87 $\frac{3}{4}$		24 $\frac{31}{80}$ o	2 $\frac{31}{96}$ o
4 83		24 $\frac{3}{20}$ o	2 $\frac{1}{80}$ o	4 88		24 $\frac{2}{5}$	2 $\frac{1}{30}$ o
4 83 $\frac{1}{4}$		24 $\frac{13}{80}$ o	2 $\frac{13}{960}$ o	4 88 $\frac{1}{4}$		24 $\frac{33}{80}$ o	2 $\frac{11}{32}$ o
4 83 $\frac{1}{2}$		24 $\frac{7}{40}$ o	2 $\frac{7}{480}$ o	4 88 $\frac{1}{2}$		24 $\frac{17}{40}$ o	2 $\frac{17}{48}$ o
4 83 $\frac{3}{4}$		24 $\frac{1}{16}$	2 $\frac{1}{64}$	4 88 $\frac{3}{4}$		24 $\frac{7}{16}$	2 $\frac{7}{192}$ o
4 84		24 $\frac{1}{5}$	2 $\frac{1}{60}$ o	4 89		24 $\frac{9}{20}$ o	2 $\frac{3}{80}$ o
4 84 $\frac{1}{4}$		24 $\frac{17}{80}$ o	2 $\frac{17}{960}$ o	4 89 $\frac{1}{4}$		24 $\frac{37}{80}$ o	2 $\frac{37}{96}$ o
4 84 $\frac{1}{2}$		24 $\frac{9}{40}$ o	2 $\frac{3}{160}$ o	4 89 $\frac{1}{2}$		24 $\frac{19}{40}$ o	2 $\frac{19}{48}$ o
4 84 $\frac{3}{4}$		24 $\frac{19}{80}$ o	2 $\frac{19}{960}$ o	4 89 $\frac{3}{4}$		24 $\frac{19}{80}$ o	2 $\frac{13}{32}$ o

Pound Sterling

REDUCED TO CUSTOM HOUSE STANDARD AT \$4.8665

As fixed by Section 3565 of the Revised Statutes.

To read in dollars, cents and mills, point two figures off in the cents column.

£151 = \$734.84.15¹/₁₀₀.

S.	\$	Cts.	£	\$	Cts.	£	\$	Cts.	£	\$	Cts.	£	\$	Cts.
1		2433	32	155	7280	82	399	0530	132	642	3780	182	885	7030
2		4866	33	160	5945	83	403	9195	133	647	2445	183	890	5695
3		7299	34	165	4610	84	408	7860	134	652	1110	184	895	4350
4		9732	35	170	3275	85	413	6525	135	656	9775	185	900	3025
5	I	2165	36	175	1940	86	418	5190	136	661	8440	186	905	1690
6	I	4598	37	180	0505	87	423	3855	137	666	7105	187	910	0355
7	I	7031	38	184	9270	88	428	2520	138	671	5770	188	914	9020
8	I	9464	39	189	7935	89	433	1185	139	676	4435	189	919	7685
9	2	1897	40	194	6600	90	437	9850	140	681	3100	190	924	6350
10	2	4330	41	199	5265	91	442	8515	141	686	1765	191	929	5015
11	2	6763	42	204	3930	92	447	7180	142	691	0430	192	934	3680
12	2	9196	43	209	2595	93	452	5845	143	695	9095	193	939	2345
13	3	1629	44	214	1260	94	457	4510	144	700	7760	194	944	1010
14	3	4062	45	218	9925	95	462	3175	145	705	6425	195	948	9675
15	3	6495	46	223	8590	96	467	1840	146	710	5090	196	953	8340
16	3	8928	47	228	7255	97	472	0505	147	715	3755	197	958	7005
17	4	1361	48	233	5920	98	476	9170	148	720	2420	198	963	5670
18	4	3794	49	238	4585	99	481	7835	149	725	1085	199	968	4335
19	4	6227	50	243	3250	100	486	6500	150	729	9750	200	973	3000
£ 1	4	8665	51	248	1915	101	491	5165	151	734	8415	250	1216	6250
2	9	7330	52	253	0580	102	496	3830	152	739	7080	300	1459	9500
3	14	5995	53	257	9245	103	501	2495	153	744	5745	350	1703	2750
4	19	4660	54	262	7910	104	505	1160	154	749	4410	400	1946	6000
5	24	3325	55	267	6575	105	510	9825	155	754	3075	450	2189	9250
6	29	1990	56	272	5240	106	515	8490	156	759	1740	500	2433	2500
7	34	0655	57	277	3905	107	520	7155	157	764	0405	550	2676	5750
8	38	9320	58	282	2570	108	525	5820	158	768	9070	600	2919	9000
9	43	7985	59	287	1235	109	530	4485	159	773	7735	650	3163	2250
10	48	6650	60	291	9900	110	535	3150	160	778	6400	700	3406	5500
11	53	5315	61	296	8565	111	540	1815	161	783	5065	750	3649	8750
12	58	3980	62	301	7230	112	545	0480	162	788	3730	800	3893	2000
13	63	2645	63	306	5895	113	549	9145	163	793	2395	850	4136	5250
14	68	1310	64	311	4560	114	554	7810	164	798	1060	900	4379	8500
15	72	9975	65	316	3225	115	559	6475	165	802	9725	950	4623	1750
16	77	8640	66	321	1890	116	564	5140	166	807	8390	1000	4865	5000
17	82	7305	67	326	0555	117	569	3805	167	812	7055	1050	5108	8250
18	87	5970	68	330	9220	118	574	2470	168	817	5720	1100	5351	1500
19	92	4635	69	335	7885	119	579	1135	169	822	4385	1150	5594	2250
20	97	3300	70	340	6550	120	583	9800	170	827	3050	1200	5837	3000
21	102	1965	71	345	5215	121	588	8465	171	832	1715	1250	6080	3750
22	107	0630	72	350	3880	122	593	7130	172	837	0380	1300	6323	4500
23	111	9295	73	355	2545	123	598	5795	173	841	9045	1350	6566	5250
24	116	7960	74	360	1210	124	603	4460	174	846	7710	1400	6809	6000
25	121	6625	75	364	9875	125	608	3125	175	851	6375	1450	7052	6750
26	126	5290	76	369	8540	126	613	1790	176	856	5040	1500	7295	7500
27	131	3955	77	374	7205	127	618	0455	177	861	3705	1550	7538	8250
28	136	2620	78	379	5870	128	622	9120	178	866	2370	1600	7781	9000
29	141	1285	79	384	4535	129	627	7785	179	871	1035	1650	8024	9750
30	145	9950	80	389	3200	130	632	6450	180	875	9700	1700	8267	10500
31	150	8615	81	394	1865	131	637	5115	181	880	8365	1750	8510	11250

FRANC OF FRANCE, SWITZERLAND AND BELGIUM LIRE OF ITALY, DRACHMA OF GREECE AND PESETA OF SPAIN

(ALL OF WHICH ARE OF EQUAL VALUE IN UNITED STATES MONEY)

REDUCED TO CUSTOM HOUSE STANDARD.

1 franc of 100 centimes = 19 $\frac{1}{2}$ cents United States currency.

To reduce to dollars, cents and mills, point off one figure at the right.

Example: 151 francs = \$29, 14c., 3 mills.

Fcs.	\$	Cts.	Fcs.	\$	Cts.	Fcs.	\$	Cts.	Fcs.	\$	Cts.	Fcs.	\$	Cts.
1		193	51	9	843	101	19	493	151	29	143	201	38	793
2		386	52	10	036	102	19	686	152	29	336	202	38	986
3		579	53	10	229	103	19	879	153	29	529	203	39	179
4		772	54	10	422	104	20	072	154	29	722	204	39	372
5		965	55	10	615	105	20	265	155	29	915	205	39	565
6	1	158	56	10	808	106	20	458	156	30	108	206	39	758
7	1	351	57	11	001	107	20	651	157	30	301	207	39	951
8	1	544	58	11	194	108	20	844	158	30	494	208	40	144
9	1	737	59	11	387	109	21	037	159	30	687	209	40	337
10	1	930	60	11	580	110	21	230	160	30	880	210	40	530
11	2	123	61	11	773	111	21	423	161	31	073	211	40	723
12	2	316	62	11	966	112	21	616	162	31	266	212	40	916
13	2	509	63	12	159	113	21	809	163	31	459	213	41	109
14	2	702	64	12	352	114	22	002	164	31	652	214	41	302
15	2	895	65	12	545	115	22	195	165	31	845	215	41	495
16	3	088	66	12	738	116	22	388	166	32	038	216	41	688
17	3	281	67	12	931	117	22	581	167	32	231	217	41	881
18	3	474	68	13	124	118	22	774	168	32	424	218	42	074
19	3	667	69	13	317	119	22	967	169	32	617	219	42	267
20	3	860	70	13	510	120	23	160	170	32	810	220	42	460
21	4	053	71	13	703	121	23	353	171	33	003	221	42	653
22	4	246	72	13	896	122	23	546	172	33	196	222	42	846
23	4	439	73	14	089	123	23	739	173	33	389	223	43	039
24	4	632	74	14	282	124	23	932	174	33	582	224	43	232
25	4	825	75	14	475	125	24	125	175	33	775	225	43	425
26	5	018	76	14	668	126	24	318	176	33	968	226	43	618
27	5	211	77	14	861	127	24	511	177	34	161	227	43	811
28	5	404	78	15	054	128	24	704	178	34	354	228	44	004
29	5	597	79	15	247	129	24	897	179	34	547	229	44	197
30	5	790	80	15	440	130	25	090	180	34	740	230	44	390
31	5	983	81	15	633	131	25	283	181	34	933	231	44	583
32	6	176	82	15	826	132	25	476	182	35	126	232	44	776
33	6	369	83	16	019	133	25	669	183	35	319	233	44	969
34	6	562	84	16	212	134	25	862	184	35	512	234	45	162
35	6	755	85	16	405	135	26	055	185	35	705	235	45	355
36	6	948	86	16	598	136	26	248	186	35	898	236	45	548
37	7	141	87	16	791	137	26	441	187	36	091	237	45	741
38	7	334	88	16	984	138	26	634	188	36	284	238	45	934
39	7	527	89	17	177	139	26	827	189	36	477	239	46	127
40	7	720	90	17	370	140	27	020	190	36	670	240	46	320
41	7	913	91	17	563	141	27	213	191	36	863	250	48	250
42	8	106	92	17	756	142	27	406	192	37	056	300	57	900
43	8	299	93	17	949	143	27	599	193	37	249	400	77	200
44	8	492	94	18	142	144	27	792	194	37	442	500	96	500
45	8	685	95	18	335	145	27	985	195	37	635	600	115	800
46	8	878	96	18	528	146	28	178	196	37	828	700	135	100
47	9	071	97	18	721	147	28	371	197	38	021	800	154	400
48	9	264	98	18	914	148	28	564	198	38	214	900	173	700
49	9	457	99	19	107	149	28	757	199	38	407	1000	193	000
50	9	650	100	19	300	150	28	950	200	38	600	2000	386	000

Mark of the German Empire

REDUCED TO CUSTOM HOUSE STANDARD.

1 mark of 100 pfennings = $23\frac{8}{10}$ cents United States currency.

To reduce to dollars, cents and mills, point off one figure at the right.

Example: 151 marks = \$35, 93c., 8 mills.

Mks.	\$	Cts.	Mks.	\$	Cts.	Mks.	\$	Cts.	Mks.	\$	Cts.	Mks.	\$	Cts.
1		238	41	9	758	81	19	278	121	23	798	161	38	318
2		476	42	9	996	82	19	516	122	29	036	162	38	556
3		714	43	10	234	83	19	754	123	29	274	163	38	794
4		952	44	10	472	84	19	992	124	29	512	164	39	032
5	I	190	45	10	710	85	20	230	125	29	750	165	39	270
6	I	428	46	10	948	86	20	468	126	29	988	166	39	508
7	I	666	47	11	186	87	20	706	127	30	226	167	39	746
8	I	904	48	11	424	88	20	944	128	30	464	168	39	984
9	2	142	49	11	662	89	21	182	129	30	702	169	40	222
10	2	380	50	11	900	90	21	420	130	30	940	170	40	460
11	2	618	51	12	138	91	21	658	131	31	178	171	40	698
12	2	856	52	12	376	92	21	896	132	31	416	172	40	936
13	3	094	53	12	614	93	22	134	133	31	654	173	41	174
14	3	332	54	12	852	94	22	372	134	31	892	174	41	412
15	3	570	55	13	090	95	22	610	135	32	130	175	41	650
16	3	808	56	13	328	96	22	848	136	32	368	176	41	888
17	4	046	57	13	566	97	23	086	137	32	606	177	42	126
18	4	284	58	13	804	98	23	324	138	32	844	178	42	364
19	4	522	59	14	042	99	23	562	139	33	082	179	42	602
20	4	760	60	14	280	100	23	800	140	33	320	180	42	840
21	4	998	61	14	518	101	24	038	141	33	558	181	43	078
22	5	236	62	14	756	102	24	276	142	33	796	182	43	316
23	5	474	63	14	994	103	24	514	143	34	034	183	43	554
24	5	712	64	15	232	104	24	752	144	34	272	184	43	792
25	5	950	65	15	470	105	24	990	145	34	510	185	44	030
26	6	188	66	15	708	106	25	228	146	34	748	186	44	268
27	6	426	67	15	946	107	25	466	147	34	986	187	44	506
28	6	664	68	16	084	108	25	704	148	35	224	188	44	744
29	6	902	69	16	422	109	25	942	149	35	462	189	44	982
30	7	140	70	16	660	110	26	180	150	35	700	190	45	220
31	7	378	71	16	898	111	26	418	151	35	938	200	47	600
32	7	616	72	17	136	112	26	656	152	36	176	300	71	400
33	7	854	73	17	374	113	26	894	153	36	414	400	95	200
34	8	092	74	17	612	114	27	132	154	36	652	500	119	000
35	8	330	75	17	850	115	27	370	155	36	890	600	142	800
36	8	568	76	18	088	116	27	608	156	37	128	700	166	600
37	8	806	77	18	326	117	27	846	157	37	366	800	190	400
38	9	044	78	18	564	118	28	084	158	37	604	900	214	200
39	9	282	79	18	802	119	28	322	159	37	842	1000	238	000
40	9	520	80	19	040	120	28	560	160	38	080	2000	476	000

Crown of Denmark, Norway and Sweden

REDUCED TO CUSTOM HOUSE STANDARD.

1 crown = 26 $\frac{8}{10}$ cents United States currency.

To reduce to dollars, cents and mills, point off one figure at the right.

Example: 151 crowns = \$40, 46c., 8 mills.

C.	\$	Cts.	C.	\$	Cts.	C.	\$	Cts.	C.	\$	Cts.	C.	\$	Cts.
1		268	41	10	938	81	21	708	121	32	428	161	43	148
2		536	42	11	256	82	21	976	122	32	696	162	43	416
3		804	43	11	524	83	22	244	123	32	964	163	43	684
4	1	072	44	11	792	84	22	512	124	33	232	164	43	952
5	1	340	45	12	050	85	22	780	125	33	500	165	44	220
6	1	608	46	12	328	86	23	048	126	33	768	166	44	488
7	1	876	47	12	596	87	23	316	127	34	036	167	44	756
8	2	144	48	12	864	88	23	584	128	34	304	168	45	024
9	2	412	49	13	132	89	23	852	129	34	572	169	45	292
10	2	680	50	13	400	90	24	120	130	34	840	170	45	560
11	2	948	51	13	668	91	24	388	131	35	108	171	45	828
12	3	216	52	13	936	92	24	656	132	35	376	172	46	096
13	3	484	53	14	204	93	24	924	133	35	644	173	46	364
14	3	752	54	14	472	94	25	192	134	35	912	174	46	632
15	4	020	55	14	740	95	25	460	135	36	180	175	46	900
16	4	288	56	15	008	96	25	728	136	36	448	176	47	168
17	4	556	57	15	276	97	25	996	137	36	716	177	47	436
18	4	824	58	15	544	98	26	264	138	36	984	178	47	704
19	5	092	59	15	812	99	26	532	139	37	252	179	47	972
20	5	360	60	16	080	100	26	800	140	37	520	180	48	240
21	5	628	61	16	348	101	27	068	141	37	788	181	48	508
22	5	896	62	16	616	102	27	336	142	38	056	182	48	776
23	6	164	63	16	884	103	27	604	143	38	324	183	49	044
24	6	432	64	17	152	104	27	872	144	38	592	184	49	312
25	6	700	65	17	420	105	28	140	145	38	860	185	49	580
26	6	968	66	17	688	106	28	408	146	39	128	186	49	848
27	7	236	67	17	956	107	28	676	147	39	396	187	50	116
28	7	504	68	18	224	108	28	944	148	39	664	188	50	384
29	7	772	69	18	492	109	29	212	149	39	932	189	50	652
30	8	040	70	18	760	110	29	480	150	40	200	190	50	920
31	8	308	71	19	028	111	29	748	151	40	468	200	53	600
32	8	576	72	19	296	112	30	016	152	40	736	300	80	400
33	8	844	73	19	564	113	30	284	153	41	004	400	107	200
34	9	112	74	19	832	114	30	552	154	41	272	500	134	000
35	9	380	75	20	100	115	30	820	155	41	540	600	160	800
36	9	648	76	20	368	116	31	088	156	41	808	700	187	600
37	9	916	77	20	636	117	31	356	157	42	076	800	214	400
38	10	184	78	20	904	118	31	624	158	42	344	900	241	200
39	10	452	79	21	172	119	31	892	159	42	612	1000	268	000
40	10	720	80	21	440	120	32	160	160	42	880	2000	536	000

The Metric System.

This is a system adopted first in France, about the beginning of the present century. The absence of a common system of weights and measures among the different nations of the world was a constant source of embarrassment in trade, and it was to overcome this difficulty that the system under consideration was originated. It is claimed that it thoroughly meets the requirements, and that its convenience for the purposes of commerce will make its universal adoption a question of time only. It is already in use in France, Germany, Spain, Italy, Portugal, Holland, Belgium, Mexico, Switzerland, Austria, Denmark, Greece, Brazil, and a majority of the South American States. It was legalized in Great Britain in 1864, and its use was authorized in the United States, by Act of Congress, in 1866.

The metric system is based upon a standard measure called a meter (from the Greek *metrou*, a measure). The meter is one-tenth-millionth of the earth's quadrant; or in other words 10,000,000 meters would reach from the equator to either pole, and is consequently one-fourth of the polar circumference of the earth.

Each metric table has its unit, and these units are uniformly multiplied and divided by ten. The multiples and divisors are indicated by prefixes placed before the several fundamental units. The multiples are taken from the Greek, and are as follows:

Deca,	which means	Ten.
Hecto,	"	Hundred.
Kilo,	"	Thousand.
Myria,	"	Ten Thousand.

The divisions (or sub-multiples) are taken from the Latin, and are as follows:

Deci,	which means	Tenth.
Centi,	"	Hundredth.
Milli,	"	Thousandth.

The Metric System comprises five standard units. The Meter is the unit of measure of length, and forms the basis of the entire system.

AUTHORIZED TABLE OF MEASURES OF LENGTH.

From U. S. Revised Statutes, Sec. 3570.

Metric Denominations and Value.	Equivalents in Denominations in Use.
Myriameter, 10,000 meters	6.2137 miles
Kilometer, 1,000 "	0.62137 " or 3,280 ft. 10 in.
Hectometer, 100 "	328 feet 1 inch
Decameter, 10 "	393.7 inches
Meter, 1 meter	39.37 "
Decimeter, $\frac{1}{10}$ of a "	3.937 "
Centimeter, $\frac{1}{100}$ "	0.3937 "
Millimeter, $\frac{1}{1000}$ "	0.0394 "

To convert meters into yards.

Rule—Divide the number of meters by 11 and add the quotient to the number of meters.

Example—

Suppose it was required to convert 33 meters into yards:

$$33 \div 11 = 3, \text{ and } 3 + 33 = 36 \text{ yards.}$$

Rule (Custom House)—Add $\frac{1}{12}$ of 1% to the number of meters given.

Example—

$$33 + \frac{1}{12} = 2.75. \quad 1\% \text{ of } 33 = .33. \quad \text{Then } 33 + 2.75 = 35.75, \text{ and} \\ .33 + 35.75 = 36.08 \text{ yards.}$$

When the width of fabrics is designated by centimeters. To reduce one meter to square yards.

Rule—Multiply the number of inches in one meter by the number of inches indicated by the width in centimeters, and divide the product by 144 (sq. in. 1 sq. ft.) and the quotient by 9 (sq. ft. 1 sq. yd.) and the result will be the answer in square yards.

Thus—

$$1 \text{ meter} = 39.37 \text{ in., and } 1 \text{ centimeter} = .3937; \text{ hence} \\ 39.37 \times .3937 = 15.499969 \text{ (sq. in.)} \div 144 = 0.107638 \\ \text{(sq. ft.)} \div 9 = .01196 \text{ square yards.}$$

To convert yards into meters.

Rule—Multiply the number of yards by $91\frac{1}{2}$ (cu. in. in a yd.), and the product will be the number of meters.

Thus—

$$36.08 \times 91\frac{1}{2} = 32.96 \text{ meters.}$$

Or reduce to inches and divide by the number of inches in one meter.

Thus—

$$36.08 \times 36 = 1298.88 \text{ in} \div 39.37 = 32.99 \text{ meters.}$$

To convert auns into yards.

Rule—Divide by 4 and add the product thus obtained to the number of auns given.

Example—

$$40 \text{ (auns)} \div 4 = 10, \text{ and } 10 + 40 = 50 \text{ yards.}$$

(An aun is $1\frac{1}{4}$ yards.)

Authorized Table of Measures of Capacity.

THE LITER IS THE UNIT.

Metric Denominations and Values.			Equivalents in Denominations in Use.	
Names.	No. of Liters.	Cubic Measure.	Dry Measure.	Liquor or Wine Measure.
Kiloliter or Stere	1000	1 cubic meter	1.308 cubic yards	264.17 gallons
Hectoliter.....	100	$\frac{1}{10}$ of a cubic meter	2 bushels, 3.35 pecks	26.417 "
Dekaliter	10	10 cubic decimeters	9.08 quarts	2.6417 "
Liter.....	1	1 " decimeter	0.908 quart	1.0567 quarts
Deciliter.....	$\frac{1}{10}$	$\frac{1}{10}$ " "	6.1022 cubic inches	0.845 gill
Centiliter.....	$\frac{1}{100}$	10 " centimeters	0.6102 cubic inch	0.338 fluid ounce
Milliliter.....	$\frac{1}{1000}$	1 " centimeter	0.061 " "	0.27 " dram.

To reduce liters to U. S. wine gallons.

Rule—Divide the number of quarts contained in one liter by 4 (quarts in one gallon) and the quotient will be the number of gallons.

$$1 \text{ liter} = 1.0567 \text{ quarts} \div 4 = 26417 \text{ gallons.}$$

Authorized Table of Weights.

THE GRAM IS THE UNIT.

Metric Denominations and Values.			Equivalents in Denominations in Use.
Names.	No. of Grains.	Weight of what Quantity of Water at Maximum Density.	Avoirdupois Weight.
Millier or Tonneau.....	1000000	1 cubic meter	2204.6 pounds
Quintal	100000	1 hectoliter	220 46 "
Myriagram.....	10000	10 liters	22.046 "
Kilogram or Kilo.....	1000	1 liter	2.2046 "
Hectogram.....	100	1 deciliter	3.5274 ounces
Dekagram.....	10	10 cubic centimeters	0.3527 ounce
Gram.....	1	1 " centimeter	15.432 grains
Decigram.....	$\frac{1}{10}$	$\frac{1}{10}$ of a cubic centimeter	1.5432 "
Centigram.....	$\frac{1}{100}$	10 cubic millimeters	0.1543 grain
Milligram.....	$\frac{1}{1000}$	1 " millimeter	0.0154 "

KILOGRAMS OR KILOS REDUCED TO AVOIRDUPOIS POUNDS.

1000 GRAMS = 1 KILO = 2.2046 POUNDS.

Kilos.	U. S. Lbs.	Kilos.	U. S. Lbs.	Kilos.	U. S. Lbs.	Kilos.	U. S. Lbs.
1	2.20	29	63.93	56	123.46	83	182.98
2	4.41	30	66.14	57	125.66	84	185.19
3	6.61	31	68.34	58	127.87	85	187.39
4	8.82	32	70.55	59	130.07	86	189.60
5	11.02	33	72.75	60	132.28	87	191.80
6	13.23	34	74.96	61	134.48	88	194.
7	15.43	35	77.16	62	136.69	89	196.21
8	17.64	36	79.37	63	138.89	90	198.41
9	19.84	37	81.57	64	141.09	91	200.62
10	22.05	38	83.77	65	143.30	92	202.82
11	24.25	39	85.98	66	145.50	93	205.03
12	26.45	40	88.18	67	147.71	94	207.23
13	28.65	41	90.39	68	149.91	95	209.44
14	30.86	42	92.59	69	152.12	96	211.64
15	33.07	43	94.80	70	154.32	97	213.85
16	35.27	44	97.	71	156.53	98	216.05
17	37.48	45	99.21	72	158.73	99	218.26
18	39.68	46	101.41	73	160.94	100	220.46
19	41.89	47	103.62	74	163.14	200	440.92
20	44.09	48	105.82	75	165.35	300	661.38
21	46.30	49	108.03	76	167.55	400	881.84
22	48.50	50	110.23	77	169.75	500	1102.30
23	50.71	51	112.43	78	171.96	600	1322.76
24	52.91	52	114.64	79	174.16	700	1543.22
25	55.12	53	116.84	80	176.37	800	1763.68
26	57.32	54	119.05	81	178.57	900	1984.14
27	59.52	55	121.25	82	180.78	1000	2204.60
28	61.73						

NOTE.—The weight of goods imported from France, Germany, etc., is marked in kilos. In some cases, in order to ascertain their weight in avoirdupois pounds, additions may be necessary. Suppose a cask is marked 255 kilos, we then have—

$$200 \text{ K} = 440.92$$

$$55 \text{ K} = 121.25$$

562.17 weight of cask in avoirdupois pounds.

FOREIGN WEIGHTS.

REDUCED TO UNITED STATES VALUES.

Name.	Locality.	Avoir- dupois Pounds.	Name.	Locality.	Avoir- dupois Pounds.
Arratel.....	Portugal.....	1 01	Candy.....	Madras.....	499.97
"	Brazil.....	1.01	"	Malabar Coast....	695.54
Arroba.....	Argentine Conf..	25.32	"	Malacca.....	405.
"	Bolivia.....	25.35	"	Muscat.....	525.
"	Brazil.....	32.38	"	Mysore.....	485.49
"	Buenos Ayres....	25.36	"	Pondicherry.....	588.04
"	Central America..	26.08	"	Surat.....	340.16
"	Mexico.....	25.36	Cantaro.....	Crete or Candia..	116.57
"	Portugal.....	32.52	" or Kantar	Cyprus.....	524.20
"	Spain.....	25.40	"	Egypt.....	98.19
Bahar.....	Amboyna.....	597.61	"	Malta.....	191.97
"	Arabia (Mocha)..	450.	" com'c'l...	Morocco.....	118.66
" "ordinary"	Bantam.....	395.	" or Kantar	Tripoli (Africa) ..	111.21
" for paper..	"	406.78	"	" (Syria)....	480.69
"	Batavia.....	610.17	"	Turkey.....	124.68
" or Candy..	Ceylon.....	500.	Catty.....	Batavia.....	1.36
" old.....	"	520.68	"	Birmah(Rangoon)	1.11
Bale-coffee.....	Betelfaki.....	285.50	" or Kan....	China.....	1.33
Batman.....	Shiraz.....	12.68	" com'c'l...	Malacca.....	1.35
"	Taurus.....	6.34	"	Siam.....	2.67
Bazia.....	Zanzibar.....	34.23	"	Sumatra.....	2.12
Benda.....	Guinea.....	.14	"	Tarnate.....	1.30
Berkovetz.....	Russia.....	360.68	Cental.....	United States....	100.
Buncal.....	Singapore.....	.12	Centner.....	Austria.....	123.47
Caban, for rice..	Philippine Isles..	133.	"	Bavaria.....	123.46
" " cocoa.	"	83.50	"	Denmark.....	110.23
Can.....	Anam.....	1.38	"	Prussia.....	110.23
Cañado.....	.....	30.	"	Sweden.....	93.38
Candil.....	Sumatra.....	423.43	Chattack, bazaar.	Bengal.....	.13
Candy.....	Ahmednuggur ..	1577.14	" factory	" .....	.12
"	Birmah(Rangoon)	500.	Chequi.....	Turkey.....	.71
"	Bombay.....	559.97	Cheki, opium...	Smyrna.....	1.77
" or Bahar..	Ceylon.....	500.	Franzella.....	Zanzibar.....	35.28
" old.....	"	520.68	Frazil.....	Arabia (Mocha)..	30.
"	Goa.....	495.	Funte.....	Russia.....	.90

FOREIGN WEIGHTS.

REDUCED TO UNITED STATES VALUES.

Name.	Locality.	Avoirdupois Pounds.	Name.	Locality.	Avoirdupois Pounds.
Gantang, coffee..	Java.....	13.56	Malind Shah....	Ispahan.....	13.66
Harsela, for silk.	Egypt.....	2.73	" "	Shiraz.....	27.32
Head, of flax....		6.75	Mane.....	Zanzibar.....	3.01
Kahoon, of grain	Bengal.....	2.99	Mark.....	Austria.....	.62
Kan or Catty....	China.....	1.33	"	Bavaria.....	.52
Kintal.....	Constantinople..	124.56	"	Denmark.....	.52
"	Smyrna.....	127.48	"	Lübeck.....	.52
Kip.....	Malacca.....	40.68	Maund.....	Anjar.....	26.23
Kotscha.....	Muscat.....	.36	" or Maon.	Arabia (Mocha)..	3.
Lachsa.....	Sooloo Islands..	66.67	"	" (Betelfaki)	2.04
Last.....	Austria.....	4938.46	"	" (Jiddah)	1.83
Libbra.....	Bologna.....	.80	"	Aurangabad....	75.87
" Sottile....	Genoa.....	.70	" factory...	Bengal.....	74.67
" Grosso....	"	.77	" bazaar....	"	82.13
" or Rottolo	Malta.....	1.75	"	Bombay.....	28.
"	Modena.....	.70	"	Deccan.....	79.78
"	Naples.....	.71	"	Goa.....	24.75
"	Parma.....	.72	"	Gujerat.....	39.74
"	Rom.St'tes(Rome)	.75	"	Madras.....	25.
"	" " Bologna	.80	"	Mahrattas.....	26.25
"	" " Ancona	.73	"	Malda.....	100.45
"	Sicily.....	.71	"	Muscat.....	8.75
"	Turin.....	.81	"	Pondicherry....	25.90
"	Tuscany.....	.75	"	Sumatra.....	77.
" Metrica...	Venetian Lomb'y	2.20	Mina.....	Greece.....	2.20
Libra.....	Argentine Conf..	1.01	Mocha.....	Abyssinia.....	.07
"	Central America.	1.04	Moosa.....	Cyprus.....	112.
"	Chili.....	1.04	Muez-pfund...	Bavaria.....	1.10
"	Madeira.....	1.01	Muhd.....	Austria.....	1.12
"	Mexico.....	1.01	Oka or Oke....	Crete or Candia..	2.65
"	Peru.....	1.01	"	Cyprus.....	2.80
"	Spain.....	1.02	" or Occa....	Egypt.....	2.73
"	Uruguay.....	1.01	"	Roumania.....	2.82
Livre or Kilog'me	Belgium.....	2.20	"	Tripoli.....	2.67
"	French W. Indies	1.08	"	Turkey.....	2.83

FOREIGN WEIGHTS.

REDUCED TO UNITED STATES VALUES.

Name.	Locality.	Avoir- dupois Pounds.	Name.	Locality.	Avoir- dupois Pounds.
Onca.....	Portugal.....	.06	Pund.....	Denmark.....	1.10
Oncia.....	Modena.....	.06	Quan.....	Annam.....	688.76
Ons.....	Netherlands.....	.22	Quintal.....	Argentine Conf..	101.27
Ootan, camphor.	Sumatra.....	4.	".....	Bolivia.....	101.42
Packen.....	Russia.....	1082.02	".....	Central America..	104.30
Pecul.....	Borneo.....	135.64	" metric...	France, etc.....	220.46
".....	Celebes.....	135.64	".....	Mexico.....	101.61
" or Tam....	China.....	133.33	".....	Peru.....	101.61
".....	Java.....	135.63	".....	Portugal.....	129.52
".....	Malacca.....	135.	".....	Spain.....	101.61
".....	Philippine Isles..	139.45	".....	Switzerland.....	110.23
".....	Siam.....	133.35	".....	United States....	220.46
".....	Sumatra.....	133.35	".....	Venezuela.....	101.44
Pesado.....	Buenos Ayres....	35.	Qontar.....	Algeria.....	203.17
" dry hides...	Montevideo.....	40.	Rik.....	Teheran.....	17.08
" dry salt hides	".....	40.	Roti or Rotl...	Abyssinia.....	.69
" wet " " ..	".....	60.	" attari spices	Algeria.....	1.20
Pfund, legal....	Austria.....	1.23	" gheddari....	".....	1.35
".....	Baden.....	1.10	" Khebir.....	".....	2.03
".....	Bavaria.....	1.23	" or Rottolo..	Egypt.....	.98
".....	Bremen.....	1.10	" government.	".....	1.23
".....	Brunswick.....	1.03	" of commerce	Morocco.....	1.19
".....	Frankfort.....	1.11	" of markets..	".....	1.70
".....	German Empire ..	1.10	".....	Tunis.....	1.09
".....	Hamburg.....	1.07	Rotolo.....	Crete or Candia..	1.17
".....	Hanover.....	1.08	".....	Cyprus.....	5.24
".....	Lubeck.....	1.07	".....	Naples.....	1.96
".....	Prussia.....	1.10	" grosso....	Sicily.....	1.93
".....	Saxony.....	1.03	" sottile....	".....	1.75
".....	Switzerland.....	1.10	Saum.....	Austria.....	339.54
".....	Wurtemberg.....	1.10	" for steel...	".....	308.67
Picul, hemp....	Manilla.....	139.45	Schiffslast.....	".....	2469.23
Pint.....	United States....	1.	Seer.....	Bengal.....	1.87
Pond.....	Netherlands.....	2.20	".....	Bombay.....	.70
Pood or Pud....	Russia.....	36.07	Shik.....	China.....	160.

FOREIGN WEIGHTS.

REDUCED TO UNITED STATES VALUES.

Name.	Locality.	Avoirdupois Pounds.	Name.	Locality.	Avoirdupois Pounds.
Skalpund	Norway.....	.94			
“	Sweden.....	.94			
Stein.....	Austria.....	24.69			
Stone	Great Britain	14.			
Tael	Bantam, Java ....	.15			
“	Borneo.....	.09			
“	China .....	.08			
“	Cochin China....	.08			
“	Siam .....	.13			
“	Sooloo Islands ..	.08			
Talanton.....	Greece	3.31			
Tampang, for tin.	Malacca.....	1.36			
Teman, rice.....	Arabia (Mocha)..	168.			
Tercio, tobacco..	Mexico	162.27			
Timbang, grain..	Java.....	677.96			
Tonelada.....	Portugal.....	1748.49			
Tonne	German Empire..	2204.60			
Uckia	Tunis .....	.07			
Untz	Norway .....	.06			
Vis	Birmah(Rangoon)	3.33			
“ or Visay.....	Madras.....	3.12			
Wakea.....	Abyssinia.. ....	.06			
“	Algeria.....	.75			
Wakega, conc'l..	Mocha	1.			
“ gold, silver	“ .....	.69			
Zentuer	German Empire	110.23			
Zoll-pfund.....	Bavaria.....	1.10			

Foreign Measures of Capacity—Liquid.

REDUCED TO UNITED STATES VALUES.

Name.	Locality.	Gallons.	Name.	Locality.	Gallons.
Aam. for wine...	Amsterdam.....	41.	Bota	Malaga	132.
" for oil.....	"	37.73	Botta.....	Naples	128.88
"	Rotterdam	40.56	Butt, beer, porter	England.	129.66
Ahm	Hamburg.....	38.15	" of wine.....	"	129.66
"	Hanover	41.44	Caffiso or Cafiz..	Matta..	5.50
"	Lübeck	39.57	Canada.....	Rio Janeiro ....	.36
Almud	Turkey	1.38	Canna.....	Norway .....	.69
Almude.....	Lisbon	4.37	"	Roman States..	2.18
"	Oporto	6.63	Canne or Kanna.	Sweden.....	.69
Algueire	Lisbon	2.18	Cantara.....	Central America	4.26
"	Oporto	3.31	" or Arroba	Spain	4.26
Am.....	Stockholm.....	41.47	" for oil ..	"	3.32
Ame.....	Copenhagen	39.56	Caraffa.....	Naples .....	.19
Amola	Genoa.....	.22	Carro	"	257.76
Anker.....	Denmark	9.95	Cask	Mauritius	60.
Arroba	Cuba.....	4.10	Cass	Cyprus	1.25
" for wine..	Spain.....	4.26	Cohi.....	Siam	13.38
"	Spanish W. Indies	4.10	Corba.....	Roman States...	20.76
"	Venezuela.....	4.26	Cuartillo	Spain .....	.13
Barrel whale oil..	Sandwich Islands	31.50	Decalitre.....	France, etc	2.64
Baril.....	Argentine Conf..	20.08	Dekaliter.....	United States...	2.64
"	Mexico.....	20.	Dreiling.....	Vienna	358.86
Barile.....	Ionian Islands..	19.21	Eimer.....	Austria	14.95
" for wine ..	Malta	11.	"	Hamburg.....	7.63
" " ..	Modena.....	11.01	"	Hanover.....	15.43
" " ..	Naples	11.57	" or Urner..	Hungary, Upper..	19.37
" " ..	Roman States	15.41	" " ..	" Lower..	15.03
" for oil	" "	15.19	"	Prussia	18.15
"	Sardinia.....	17.08	"	Saxony.....	20.04
" for wine ..	Tuscany.....	12.04	"	Wurtemberg	77.65
Barique	French W. Indies	50.	Fass	German Empire .	26.42
Boccale	Modena .....	.28	"	Hungary	52.55
" for wine.	Rom. States.....	.48	Ferren	Muscat	7.93
"	" Bologna....	.35	Fiasco	Modena .....	.55
Bota	Portugal.....	113.63	"	Tuscany .....	.60

Foreign Measures of Capacity—Liquid.

REDUCED TO UNITED STATES VALUES.

Name.	Locality.	Gallons.	Name.	Locality.	Gallons
Pirkin, ale	England.	10 81	Mass, for wine...	Hesse Cassel. ....	.52
Foglietta.....	Roman States....	.12	“ for beer....	“ “ .....	.58
Frasco.....	Argentine Conf. .	.63	“ for wine....	Hesse Darmstadt. .	.46
“	Mexico.....	.63	“ for beer....	“ “ .....	.52
Fuder.....	Austria.....	478.48	“	Wurtemberg.....	.49
“	Baden.....	396.27	Mataro, for oil...	Tripoli	6.16
Gallon, Imperial.	Great Britain....	1.20	Medida.....	Rio Janeiro .....	.73
“ ale, beer..	“ “	1.22	Metter or Mitre..	Tunis.....	2.56
Gallone.....	Ionian Islands... .	1.20	Mezzaruola	Sardinia.....	34.17
Gonghan.....	Japan.....	2.22	Mistate, for oil..	Crete or Candia..	2.95
Gudda or Cuddy.	Mocha	2.	Muid	Switzerland.....	39.63
Hectoliter.....	United States....	26.42	Myrialitre.....	France, etc.....	2641.80
“	France, etc.....	26.42	Ohm.....	Baden.....	39.63
Hogsheads, beer.	England.....	64.83	“	Bremen.....	38.30
“ claret	“	64.83	“	Hesse Darmstadt. .	42.27
Ischiomasse.....	Japan	4.44	“	Lubeck.....	39.57
Itchigan.....	“ .....	.44	Oke.....	Crete or Candia..	.35
Ittomasse	“	44.38	Oxhoft.....	Brunswick.....	59.28
Kaddah.....	Egypt.....	.43	“	Hamburg.....	57.22
Kan or Catty....	Netherlands .....	.26	“	Hanover.....	62.16
Kande.....	Denmark.....	.51	Pakha.....	Sumatra.....	.16
Kanna or Canna.	Norway .....	.69	Parrah.....	Ceylon.....	.75
“ “ “	Sweden.....	.69	Pinta.....	Venetian Lomb'y	.26
Kanne.....	Austria.....	.19	Pipa.....	Madeira.....	110.
“	German Empire..	.26	Pipe.....	Great Britain....	129.67
“	Java.....	.39	“	United States....	126.
Khoulle.....	Algiers.....	4.40	Pot or Potte....	Denmark.....	.26
Kilderkin, beer..	England.....	21.61	“ “	Switzerland.....	.40
Kilogram or Kilo			Quarter.....	Norway .....	.07
Kilogramme.....			Quartico, Quartur	Lubeck.....	.25
Kiloliter or Stere	United States....	264.17	Quartillo.....	Chili.....	.29
Kuba.....	Abyssinia.....	.27	Quarto, for oil...	Genoa.....	4.27
Legger.....	Batavia.....	160.	“ “ ...	Naples.....	.17
Maatje.....	Netherlands.....	.03	Salma, wine....	Sicily	22.
Mass.....	Austria.....	.37	Schenk-eimer...	Bavaria.....	16.94

Foreign Measures of Capacity—Liquid.

REDUCED TO UNITED STATES VALUES.

Name.	Locality.	Gallons.	Name.	Locality.	Gallons.
Seer	Ceylon .....	.30	Stubchen.....	Bremen .....	.85
Shing-tsong.....	China .....	.13	“	Brunswick.....	.99
Sidio.....	Muscat .....	.23	Stuetze or Stutz..	Baden.	3.96
Sjoo or Ittomasse	Japan .....	.46	Tonde, beer	Denmark	34.71
Soma	Rom.St's(Ancona)	18.49	Tonde, tar.	“	30.62
“	Rome	43.39	Tunna	Norway	33.17
Stajo or Staro ...	Naples	2.62	Vedro.....	Russia.....	3.26
Stop	Norway .....	.35	Viertel.....	Austria	3.74

DRY.

Name.	Locality.	Bushels.	Name.	Locality.	Bushels.
Achtel	Austria .....	.22	Carga.....	Crete or Candia..	4.32
Adoulie.....	Bombay.....	.20	Carro.....	Naples	56.33
Almude.....	Spain .....	.13	Chaldron of Cal.	British Provinces.	36.
Algueire	Brazil	1.14	Chilo	Ionian Islands...	1.03
“	Lisbon .....	.38	Corba.....	Bologna.....	2.23
“	Portugal.....	.38	Decalitre.....	United States...	2.27
Amomam	Ceylon	5.78	Djezla.....	Zanzibar.....	7.31
Ardeb.....	Cairo.....	5.16	Fanega.....	Argentine Conf..	3.89
“	Egypt.....	2.60	“	Central America..	1.57
“	Gondar.....	.11	“	Chili	2.58
“	Massowah .....	.33	“	Cuba	3.11
Artaba	Persia	1.85	“	Mexico	1.60
Bambou.....	Bantam.....	.09	“	Spain.....	1.60
“	Madagascar.....	.07	“	Spanish W. Indies	3.12
Bushel, Imperial.	England.....	1.03	“	Uruguay.....	7.78
Caffiso or Cafiz..	Algeria.....	9.01	Fanga.....	Azores Islands...	1.36
Cafisco.....	Tripoli	1.15	“	Lisbon	1.53
Cafiz.....	Tunis.....	14.08	“	Oporto.....	1.94
Candaca.....	Mysore.....	11.13	Fjerdning	Norway.....	.52
Candy, for grain.	Bombay.....	25.	Gallone.....	Ionian Islands...	.13
Canne.....	Sweden.....	.74	Gantang	Borneo.....	.74
Capicha.....	Persia.....	.07	Garce.....	Madras.....	139.53

Foreign Measures of Capacity—Dry.

REDUCED TO UNITED STATES VALUES.

Name.	Locality.	Bushels.	Name.	Locality.	Bushels.
Garce.....	Pondicherry.....	103 97	Mudi.....	Mangalore.....	1.30
Gombetta.....	Genoa.....	.36	Muhd or Mud...	Morocco.....	5.18
Hectoliter.....	United States...	2.84	Muth.....	Austria.....	52 35
Hectolitre.....	France, etc.....	2.84	Pakha.....	Sumatra.....	.02
Hueba.....	Tripoli.....	3.05	Para, Chunam...	Madras.....	1.74
Kahoon.....	Bengal.....	42.44	Parah.....	Bombay.....	3.33
Kailon.....	Greece.....	2.84	Pinta.....	Venetian L'mb'dy	.03
Kanna, or Canna	Sweden.....	.74	Quarta.....	Roman States...	2.09
Kilo.....	Roumania.....	12 35	Quarter.....	Great Britain...	8.25
Kilolitre.....	France, etc.....	28.38	Quarto.....	Genoa.....	.43
Koolah.....	Sumatra.....	.12	Quateron.....	Switzerland.....	.43
Koorah.....	Mahrattas.....	4.06	Rubbio.....	Rom. States.....	8.36
Koyang.....	Bantam.....	147.57	".....	" " (Ancona)	7.97
" for rice...	Batavia.....	62.43	Saa or Saha....	Algeria.....	1 36
".....	The Moluccas...	55 34	Sacco.....	Modena.....	4.
Last, for malt...	Great Britain...	82.52	".....	Turin.....	3.25
".....	Netherlands.....	85.13	".....	Tuscany	2.07
".....	Prussia.....	112.29	Salma.....	Malta.....	8.22
Lastre.....	Argentine Conf.	58.40	" generale...	Sicily.....	7.80
Madega, Gondar.	Abyssinia.....	.01	" grosso.....	".....	10.
" Massowah	".....	.01	Scheepston....	Netherlands.....	28 38
Matter.....	Baden.....	4.26	Scheffel.....	Bavaria.....	6.31
Marcal.....	Madras.....	.35	".....	Bremen.....	2.10
".....	Masulipatam....	.40	".....	German Empire..	1.42
Medinno forgrain	Cyprus.....	2.13	" grain....	Lubeck.....	1.01
Metze.....	Austria.....	1.75	" fruit....	".....	1.12
Mina.....	Parma.....	.67	".....	Prussia.....	1.56
".....	Sardinia.....	3.43	".....	Saxony.....	2.95
Modius of salt...	Oporto.....	23.	".....	Wurtemberg....	5.03
" ".....	Spain (Ixica)....	40.	Schepel.....	Netherlands.....	.28
" ".....	St. Ubes.....	23.	Sei.....	China.....	3.47
Moggio.....	Tuscany.....	16 59	Sesti.....	Siam.....	.33
Moio.....	Portugal.....	23 02	Shing Shi.....	China.....	.02
Moyo of salt....	Spain.....	70.	Shve.....	Anjar.....	.88
Mudde.....	Netherlands.....	2.84	Skoepppe.....	Denmark.....	.49

Foreign Measures of Capacity—Dry.

REDUCED TO UNITED STATES VALUES.

Name.	Locality.	Bushels.	Name.	Locality.	Bushels.
Soallee.....	Bengal	2.34			
Span.....	Norway	2.08			
Stajo.....	Modena	2.			
“ or Staro...	Parma.....	1.33			
“	Tuscany.....	.69			
Starello.....	Roman States...	.52			
Tarrie.	Algeria.....	.56			
Tchetverik	Russia.....	.74			
Tchelverit.....	“	5.95			
Tomolo	Naples	1.56			
Tonde.	Denmark.....	3.95			
Toneiada.....	Argentine Conf..	29.20			
Tunna	Norway	4.16			
Viertel.....	Austria.....	.44			
Zuber.....	Baden.....	42.57			

Foreign Measures of Length.

REDUCED TO UNITED STATES VALUES.

Name.	Locality.	Yards.	Name.	Locality.	Yards.
Ady.	Malabar Coast...	.29	Cubit, for matting	Surat. ....	.53
Aln or Alen.	Denmark. ....	.69	Decametre.	France, etc.	10.94
" "	Norway. ....	.65	El.	Netherlands.	1.09
Archin or Arisch.	Persia.	1.06	Elle.	Austria. ....	.85
Archin Schah. ....	" ....	.87	"	" Upper. ....	.87
Archine.	Russia. ....	.78	"	Baden. ....	.66
Aune Metre.	Belgium.	39.37	"	Bavaria. ....	.91
"	French W. Indies	1.30	"	Bremen. ....	.64
" usual.	Lyons.	1 31	"	Brunswick. ....	.62
"	Switzerland.	1.31	"	England.	1.25
Braccio.	Ancona. ....	.70	"	Lubeck. ....	.63
"	Modena. ....	.63	"	Prussia. ....	.73
" for silk.	Parma. ....	.64	"	Scotland.	1.03
" " woollens. ....	" ....	.70	Endasch.	Smyrna. ....	.68
"	Roman States. ....	.85	" for cloth	Turkey. ....	.71
Canna.	Genoa.	2.45	Etto.	Sumatra. ....	.52
"	Malta.	2.29	Favn.	Denmark.	2.06
"	Naples.	2.31	Fod. ....	" ....	.34
Canne.	Sicily. ....	.71	Fuss.	Austria. ....	.35
Cobido or Covid.	Mocha. ....	.53	"	Baden. ....	.33
Covado.	Goa. ....	.74	"	Bavaria. ....	.32
Covid, Hath, Haut.	Ahmednuggur. ....	.39	"	Bremen. ....	.32
"	Bombay. ....	.50	"	Brunswick. ....	.31
"	Ceylon. ....	.51	"	Lubeck. ....	.31
"	Cochin China. ....	.42	"	Prussia. ....	.34
"	Java. ....	.75	"	Saxony. ....	.31
"	Mocha. ....	.53	Gueza.	Ispahan.	1.04
" or Haut.	Madras. ....	.52	Guz.	Bengal.	1.
" or Codo.	Morocco. ....	.58	"	Bombay. ....	.76
"	Muscat.	1.09	"	Gujerat. ....	.65
"	Pondicherry. ....	.50	"	Mocha. ....	.69
" or Hasta.	Singapore. ....	.50	"	Mysore.	1.06
" Hath or Haut.	Surat. ....	.58	"	Patna.	1.18
Cubit, Covid, Haut.	Bengal. ....	.50	Hailoh.	Sumatra.	1.
"	England. ....	.50	Inc.	Japan.	2.32

Foreign Measures of Length.

REDUCED TO UNITED STATES VALUES.

Name.	Locality.	Yards.	Name	Locality.	Yards.
Jaktan, for cloth.	Guinea.....	4.	Pik or Dra, Arabic	Tripoli .....	.73
Jankal	Sumatra .....	.25	" or lesser Pik	" .....	.53
Jorda Ionia.....	Ionian Islands	1.	Piki	Greece	1.09
Jumba	Singapore.....	.40	Ref.	Abyssinia.....	.75
Kassaba.....	Mocha.....	4.10	Robi.....	Algeria.....	.09
Kew	Siam	1.05	Rode.....	Denmark	3.43
Khalebi, woolens	Roumania .....	.73	"	Norway.....	8 25
Kole	Travancore .....	.81	Roede.....	Netherlands	10.94
Kot, silk & linen.	Roumania .....	.69	Ruthe.....	Austria.....	4.15
Ngu	Anam	2.66	Sals.....	Japan .....	.33
Pe or Pie.....	Portugal.....	.36	Sok.....	Siam .....	.53
Pic	Abyssinia.....	.75	Span.....	Bengal ....	.25
" Turkish.....	Algeria.....	.69	"	Great Britain....	.25
" Arabic.....	" .....	.52	Stab	German Empire..	1 09
"	Constantinople....	.73	"	Hungary	1.73
"	Crete or Candia ..	.70	Stadio	Ionian Islands ..	22.
" native.....	Egypt.....	.62	Stang.....	Sweden.....	3 24
" Nile.....	" .....	.25	Tung	Sumatra.....	4.
" for cloth.....	" .....	.71	Vara.....	Argentine Conf..	.9478
"	Morocco.....	.72	"	Brazil.....	1.188
" for cloth.....	Tunis.....	.74	"	Central America .	.9131
" " linen.....	" .....	.52	"	Chili .....	.9269
" " silk.....	" .....	.69	"	Cuba.....	.9274
Pie	Ancona.....	.43	"	Dutch W. Indies.	.9271
"	Argentine Conf.	.32	"	Mexico.....	.9139
" liprando.....	Genoa.....	.56	"	Peru.....	.9270
" manual .....	" .....	.37	"	Portugal.....	1.2030
"	Modena .....	.57	"	Spain .....	.9274
"	Roman States.....	.33	"	Spanish W. Indies	.9271
"	Spain.....	.31	"	Venezuela.....	.9132
"	Venice.....	.38	Vauh	Siam.....	2.10
Pik	Aleppo.....	.74	Yard.....	Great Britain....	1.
" or Pic.....	Cyprus.....	.73			
"	Damascus .....	.64			
"	Smyrna.....	.73			

Information for Importers

OF DUTIABLE AND NON-DUTIABLE MERCHANDISE INTO OR THROUGH THE UNITED STATES.

DUTIABLE GOODS.

IN BOND WITHOUT APPRAISEMENT (*i. e.* Immediate Transportation) means, that the merchandise on arriving at United States Port in bond from a foreign country is laden from ship direct to car (or authorized water craft, as case may be), the car, under government locks or seals, being then sent through to destination without transfer en route except such as the law specially provides for.

IN BOND WITH APPRAISEMENT means, that the merchandise goes to the Appraiser's Store of the Custom House at first port of arrival in the United States, where the merchandise is appraised and actual duties ascertained, when the bond authorizing transportation is given based on the actual duties. In such cases transfer is allowed en route wherever there is a United States Customs Officer. Warehouse expenses pending appraisement, Custom House fees, drayage expenses, etc., on portion of goods required for examination at Appraiser's Store are incurred in such cases at first port of arrival in the United States.

WHEN GOODS MAY BE FORWARDED IN BOND WITH AND WHEN WITHOUT APPRAISEMENT. Transportation Companies will not usually forward a car for a small lot of goods to go through in bond without appraisement (Immediate Transportation) for any point unless they have sufficient other freight to complete a carload for same point or for a point beyond. Hence, dutiable freight in lots of less than 16,000 to 20,000 pounds may have to be appraised at first port of arrival except when destined to the most important cities, say New York, Boston, Chicago, San Francisco, St. Louis, and New Orleans. To these cities goods can almost uniformly be sent *in bond without appraisement*. If thus appraised, but duties not paid at first port of arrival, the goods would be forwarded to final destination *in bond with appraisement*.

If the duties, etc., are paid at first port of arrival when the goods are appraised there, the freight is not transported in bond, but is treated as ordinary merchandise "duty paid."

Shippers importing dutiable goods to be transported in bond without appraisement, that is, for "Immediate Transportation" in bond, must comply with the following to avoid expense, trouble and delay at Custom Houses in the United States.

MODE OF CONSIGNMENT.

The goods intended for immediate transportation must be consigned on the Bill of Lading to a Transportation Company (whether railway or steamship

company), at first port of arrival in the United States. Such Company must be one of those designated by the United States Treasury Department as permitted by bond under the law to carry bonded merchandise.

IF TO UNITED STATES DESTINATION. Besides consigning to the Transportation Company, the Bill of Lading should also state "For immediate transportation to....." giving *full name and address* of consignee at final destination, unless shipped "To Order," when that should be stated with final destination. For example:

To Southern Pacific Company, New Orleans, La., for immediate transportation to Richard Roe & Co. (or "To Order," as case may be) San Francisco, Cal.

IF TO FOREIGN DESTINATION. If foreign goods are to be exported and are in transit through the United States only for this purpose, they should be consigned not only to Transportation Company at first port of arrival in the United States, same as if to a United States destination, but in addition should show Transportation Company at frontier port or port of departure in the United States, also final destination and consignee as before. For example:

To New York Central Railroad Company, New York, N. Y., for immediate transportation in bond to Southern Pacific Company, San Francisco, Cal., for export to John Doe & Co., Melbourne, Australia.

BILLS OF LADING NECESSARY.

IF TO UNITED STATES DESTINATION. One copy of Bill of Lading (to file with Custom House) must be sent to the Transportation Company to which the goods are consigned at first port of entry, and one—which should be the original—must be sent to the final consignee at destination of the goods. If the goods are consigned "To Order" the Bill of Lading shippers send to the Transportation Company at first port of arrival must be endorsed by shippers, otherwise entry cannot be made at said port, and goods will go to United States unclaimed warehouse.

IF TO FOREIGN DESTINATION. In the case of foreign freight in transit through the United States for export, an additional copy of Bill of Lading is necessary. It should be sent to Transportation Company at frontier port or port of departure in the United States, to enable them to make re-shipment to destination beyond.

INVOICES.

The Customs Laws of the United States demand that each and every shipment of dutiable goods not under \$100 in value to a point within the United States must be accompanied by a *Consular Invoice*. Entry for Immediate Transportation in bond can be made with an uncertified invoice only by giving bond to produce such invoice subsequently.

CONSULAR INVOICES. The law requires them to be made out in quadruplicate (set of four) and certified to by United States Consul at point of shipment. Two of these certified invoices will be retained by the Consul, and two handed to the shipper.

Of the latter the shipper must send *one* to the Transportation Company at first port of arrival in the United States, together with a copy of same, which need not be certified by Consul. These are for use with Custom House in making bonded entry. The *other* certified copy of invoice received by the shipper from the United States Consul should be sent to consignee at final destination.

INVOICES NOT CONSULAR. Invoices of value less than \$100 each need not be certified to by United States Consul, but merchants' invoice is necessary. Invoices for foreign freight in transit through the United States for export need not be certified to by United States Consul, but invoices should always be sent to the Transportation Company at first port of arrival in the United States, and also at frontier port or port of departure in the United States.

NON-DUTIABLE GOODS.

Goods that enter the United States duty free are not subject to control by United States Customs after they have been entered as such in the Custom House at first port of arrival, and can be forwarded at any time after Customs examination.

INVOICES for duty free goods must be certified to by United States Consul at shipping point, two copies to be sent to Transportation Company at first port of arrival in the United States, for filing with Custom House, and a copy (uncertified) may be sent to consignee at final destination.

ALL PACKAGES, DUTIABLE OR NON-DUTIABLE, MUST BE DISTINCTLY MARKED WITH THE NAME OF THE COUNTRY OF ORIGIN.

LONG TON WEIGHT.

28 pounds..... 1 quarter.
4 quarters, or 112 pounds..... 1 hundred weight.
20 hundred weights, or 2240 pounds..... 1 ton.

This measurement is nearly obsolete. It is allowed at the Custom House in estimating duties, and in the wholesale coal and iron trade.

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$5.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1		16		17		17		18		18		19		20		21
2		32		33		34		36		37		39		40		42
3		48		50		51		54		55		58		60		63
4		65		67		69		72		74		77		80		83
5		81		83		86		89		92		96	1	00	1	04
6		97	1	00	1	03	1	07	1	11	1	15	1	20	1	25
7	1	13	1	17	1	20	1	25	1	30	1	35	1	40	1	46
8	1	29	1	33	1	38	1	43	1	48	1	54	1	60	1	67
9	1	45	1	50	1	55	1	61	1	67	1	73	1	80	1	88
10	1	61	1	67	1	72	1	79	1	86	1	92	2	00	2	08
11	1	77	1	83	1	90	1	97	2	04	2	12	2	20	2	29
12	1	94	2	00	2	07	2	15	2	23	2	31	2	40	2	50
13	2	10	2	17	2	24	2	33	2	41	2	50	2	60	2	71
14	2	26	2	33	2	41	2	50	2	59	2	69	2	80	2	91
15	2	42	2	50	2	59	2	68	2	78	2	88	3	00	3	12
16	2	58	2	67	2	76	2	86	2	97	3	08	3	20	3	33
17	2	74	2	83	2	93	3	04	3	15	3	27	3	40	3	54
18	2	90	3	00	3	10	3	21	3	34	3	46	3	60	3	75
19	3	06	3	17	3	28	3	39	3	52	3	65	3	80	3	96
20	3	23	3	33	3	45	3	57	3	71	3	84	4	00	4	17
21	3	39	3	50	3	62	3	75	3	89	4	03	4	20	4	37
22	3	55	3	67	3	79	3	93	4	08	4	23	4	40	4	58
23	3	70	3	83	3	96	4	11	4	26	4	42	4	60	4	79
24	3	87	4	00	4	14	4	29	4	45	4	61	4	80	5	00
25	4	03	4	17	4	31	4	46	4	63	4	80	5	00		
26	4	19	4	33	4	48	4	64	4	82	5	00				
27	4	35	4	50	4	65	4	82	5	00						
28	4	51	4	67	4	83	5	00								
29	4	68	4	83	5	00										
30	4	84	5	00												
31	5	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$6.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1		19		20		21		21		22		23		24		25
2		39		40		41		43		44		46		48		50
3		58		60		62		64		67		69		72		75
4		77		80		83		86		89		92		96	1	00
5		97	1	00	1	03	1	07	1	11	1	15	1	20	1	25
6	1	16	1	20	1	24	1	29	1	33	1	38	1	44	1	50
7	1	36	1	40	1	45	1	50	1	56	1	62	1	68	1	75
8	1	55	1	60	1	65	1	71	1	78	1	85	1	92	2	00
9	1	74	1	80	1	86	1	93	2	00	2	08	2	16	2	25
10	1	94	2	00	2	07	2	14	2	22	2	31	2	40	2	50
11	2	13	2	20	2	28	2	36	2	44	2	54	2	64	2	75
12	2	32	2	40	2	48	2	57	2	67	2	77	2	88	3	00
13	2	52	2	60	2	69	2	79	2	89	3	00	3	12	3	25
14	2	71	2	80	2	90	3	00	3	11	3	23	3	36	3	50
15	2	90	3	00	3	10	3	21	3	33	3	46	3	60	3	75
16	3	10	3	20	3	31	3	43	3	56	3	69	3	84	4	00
17	3	29	3	40	3	52	3	64	3	78	3	92	4	08	4	25
18	3	48	3	60	3	72	3	86	4	00	4	15	4	32	4	50
19	3	68	3	80	3	93	4	07	4	22	4	38	4	56	4	75
20	3	87	4	00	4	14	4	29	4	44	4	62	4	80	5	00
21	4	06	4	20	4	34	4	50	4	67	4	85	5	04	5	25
22	4	26	4	40	4	55	4	71	4	89	5	08	5	28	5	50
23	4	45	4	60	4	76	4	93	5	11	5	31	5	52	5	75
24	4	65	4	80	4	96	5	14	5	33	5	54	5	76	6	00
25	4	84	5	00	5	17	5	36	5	56	5	77	6	00		
26	5	03	5	20	5	38	5	57	5	78	6	00				
27	5	23	5	40	5	58	5	79	6	00						
28	5	42	5	60	5	79	6	00								
29	5	61	5	80	6	00										
30	5	81	6	00												
31	6	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$7.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1		23		23		24		25		26		27		28		29
2		45		47		48		50		52		53		56		58
3		68		70		72		75		78		81		84		88
4		90		93		97	1	00	1	04	1	08	1	12	1	17
5	1	13	1	17	1	21	1	25	1	30	1	35	1	40	1	46
6	1	35	1	40	1	45	1	50	1	56	1	62	1	68	1	75
7	1	58	1	63	1	69	1	75	1	81	1	88	1	96	2	04
8	1	81	1	87	1	93	2	00	2	07	2	15	2	24	2	33
9	2	03	2	10	2	17	2	25	2	33	2	42	2	52	2	63
10	2	26	2	33	2	41	2	50	2	59	2	69	2	80	2	92
11	2	48	2	57	2	66	2	75	2	85	2	96	3	08	3	21
12	2	71	2	80	2	90	3	00	3	11	3	23	3	36	3	50
13	2	94	3	03	3	14	3	25	3	37	3	50	3	64	3	79
14	3	16	3	27	3	38	3	50	3	63	3	77	3	92	4	08
15	3	39	3	50	3	62	3	75	3	89	4	04	4	20	4	38
16	3	62	3	73	3	86	4	00	4	15	4	31	4	48	4	67
17	3	84	3	97	4	10	4	25	4	41	4	58	4	76	4	96
18	4	06	4	20	4	34	4	50	4	67	4	85	5	04	5	25
19	4	29	4	43	4	59	4	75	4	93	5	12	5	32	5	54
20	4	52	4	67	4	83	5	00	5	19	5	38	5	60	5	83
21	4	74	4	90	5	07	5	25	5	44	5	65	5	88	6	13
22	4	97	5	13	5	31	5	50	5	70	5	92	6	16	6	42
23	5	19	5	37	5	55	5	75	5	96	6	19	6	44	6	71
24	5	42	5	60	5	79	6	00	6	22	6	46	6	72	7	00
25	5	65	5	83	6	03	6	25	6	48	6	73	7	00		
26	5	87	6	07	6	28	6	50	6	74	7	00				
27	6	10	6	30	6	52	6	75	7	00						
28	6	32	6	53	6	76	7	00								
29	6	55	6	77	7	00										
30	6	77	7	00												
31	7	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$8.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1		26		27		28		29		30		31		32		33
2		52		53		55		57		59		62		64		67
3		77		80		83		86		89		92		96	1	00
4	1	03	1	07	1	10	1	14	1	19	1	23	1	28	1	33
5	1	29	1	33	1	38	1	43	1	48	1	54	1	60	1	67
6	1	55	1	60	1	66	1	71	1	78	1	85	1	92	2	00
7	1	81	1	87	1	93	2	00	2	07	2	15	2	24	2	33
8	2	06	2	13	2	21	2	29	2	37	2	46	2	56	2	67
9	2	32	2	40	2	48	2	57	2	67	2	77	2	88	3	00
10	2	58	2	67	2	76	2	86	2	96	3	08	3	20	3	33
11	2	84	2	93	3	03	3	14	3	25	3	38	3	52	3	67
12	3	10	3	20	3	31	3	43	3	55	3	69	3	84	4	00
13	3	36	3	47	3	59	3	71	3	85	4	00	4	16	4	33
14	3	61	3	73	3	86	4	00	4	14	4	31	4	48	4	67
15	3	87	4	00	4	14	4	29	4	44	4	61	4	80	5	00
16	4	13	4	27	4	41	4	57	4	74	4	92	5	12	5	33
17	4	39	4	53	4	69	4	86	5	03	5	23	5	44	5	67
18	4	65	4	80	4	97	5	14	5	33	5	54	5	76	6	00
19	4	90	5	07	5	24	5	43	5	63	5	85	6	08	6	33
20	5	16	5	33	5	52	5	71	5	93	6	15	6	40	6	67
21	5	42	5	60	5	79	6	00	6	22	6	46	6	72	7	00
22	5	68	5	87	6	07	6	29	6	52	6	77	7	04	7	33
23	5	94	6	13	6	34	6	57	6	81	7	08	7	36	7	67
24	6	19	6	40	6	62	6	86	7	11	7	38	7	68	8	00
25	6	45	6	67	6	90	7	14	7	40	7	69	8	00		
26	6	71	6	93	7	17	7	43	7	70	8	00				
27	6	97	7	20	7	45	7	71	8	00						
28	7	23	7	47	7	72	8	00								
29	7	48	7	73	8	00										
30	7	74	8	00												
31	8	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$9.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1		29		30		31		32		33		35		36		38
2		58		60		62		64		67		69		72		75
3		87		90		93		96	1	00	1	03	1	08	1	13
4	1	16	1	20	1	24	1	29	1	33	1	38	1	44	1	50
5	1	45	1	50	1	55	1	61	1	67	1	73	1	80	1	88
6	1	74	1	80	1	86	1	93	2	00	2	08	2	16	2	25
7	2	03	2	10	2	17	2	25	2	33	2	42	2	52	2	63
8	2	32	2	40	2	48	2	57	2	67	2	77	2	88	3	00
9	2	61	2	70	2	79	2	89	3	00	3	12	3	24	3	38
10	2	90	3	00	3	10	3	21	3	33	3	46	3	60	3	75
11	3	19	3	30	3	41	3	54	3	67	3	81	3	96	4	13
12	3	48	3	60	3	72	3	86	4	00	4	15	4	32	4	50
13	3	77	3	90	4	03	4	18	4	33	4	50	4	68	4	88
14	4	06	4	20	4	34	4	50	4	67	4	84	5	04	5	25
15	4	35	4	50	4	65	4	82	5	00	5	19	5	40	5	63
16	4	65	4	80	4	97	5	14	5	33	5	54	5	76	6	00
17	4	94	5	10	5	28	5	46	5	67	5	88	6	12	6	38
18	5	23	5	40	5	59	5	79	6	00	6	23	6	48	6	75
19	5	52	5	70	5	90	6	11	6	33	6	58	6	84	7	13
20	5	81	6	00	6	21	6	43	6	67	6	92	7	20	7	50
21	6	10	6	30	6	52	6	75	7	00	7	27	7	56	7	88
22	6	39	6	60	6	83	7	07	7	33	7	62	7	92	8	25
23	6	68	6	90	7	14	7	39	7	67	7	96	8	28	8	63
24	6	97	7	20	7	45	7	71	8	00	8	31	8	64	9	00
25	7	26	7	50	7	76	8	04	8	33	8	65	9	00		
26	7	55	7	80	8	07	8	36	8	67	9	00				
27	7	84	8	10	8	38	8	68	9	00						
28	8	13	8	40	8	69	9	00								
29	8	42	8	70	9	00										
30	8	71	9	00												
31	9	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$10.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1		32		33		34		36		37		39		40		42
2		65		67		69		72		74		77		80		84
3		97	1	00	1	03	1	07	1	11	1	16	1	20	1	26
4	1	29	1	33	1	38	1	43	1	48	1	54	1	60	1	68
5	1	61	1	57	1	72	1	79	1	85	1	93	2	00	2	09
6	1	94	2	00	2	07	2	15	2	22	2	31	2	40	2	50
7	2	26	2	33	2	41	2	50	2	59	2	70	2	80	2	92
8	2	58	2	67	2	76	2	86	2	96	3	08	3	20	3	33
9	2	90	3	00	3	10	3	22	3	33	3	47	3	60	3	75
10	3	23	3	33	3	45	3	57	3	70	3	85	4	00	4	16
11	3	55	3	67	3	79	3	93	4	07	4	24	4	40	4	58
12	3	87	4	00	4	14	4	29	4	44	4	62	4	80	5	00
13	4	19	4	33	4	48	4	65	4	81	5	00	5	20	5	42
14	4	52	4	67	4	83	5	00	5	19	5	39	5	60	5	83
15	4	84	5	00	5	17	5	36	5	56	5	77	6	00	6	25
16	5	16	5	33	5	52	5	71	5	93	6	16	6	40	6	66
17	5	48	5	67	5	86	6	07	6	30	6	55	6	80	6	07
18	5	81	6	00	6	21	6	42	6	67	6	93	7	20	7	50
19	6	13	6	33	6	55	6	78	7	04	7	32	7	60	7	92
20	6	45	6	67	5	90	7	14	7	41	7	70	8	00	8	33
21	6	77	7	00	7	24	7	50	7	78	8	09	8	40	8	74
22	7	10	7	33	7	59	7	85	8	15	8	47	8	80	9	16
23	7	42	7	67	7	93	8	21	8	52	8	86	9	20	9	58
24	7	74	8	00	8	28	8	57	8	89	9	24	9	60	10	00
25	8	06	8	33	8	62	8	93	9	26	9	62	10	00		
26	8	39	8	67	8	97	9	28	9	63	10	00				
27	8	71	9	00	9	31	9	64	10	00						
28	9	03	9	33	9	66	10	00								
29	9	36	9	67	10	00										
30	9	68	10	00												
31	10	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$11.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1		35		37		38		39		41		42		44		46
2		71		73		76		79		82		85		88		92
3	1	06	1	10	1	14	1	18	1	22	1	27	1	32	1	38
4	1	42	1	77	1	52	1	57	1	83	1	69	1	76	1	83
5	1	78	1	84	1	90	1	96	2	04	2	12	2	20	2	29
6	2	13	2	20	2	28	2	36	2	44	2	54	2	64	2	75
7	2	49	2	58	2	66	2	75	2	85	2	96	3	08	3	21
8	2	84	2	95	3	04	3	14	3	26	3	38	3	52	3	66
9	3	20	3	30	3	42	3	54	3	66	3	81	3	96	4	12
10	3	55	3	67	3	80	3	93	4	07	4	23	4	40	4	58
11	3	91	4	04	4	17	4	32	4	48	4	65	4	84	5	04
12	4	26	4	40	4	55	4	72	4	89	5	08	5	28	5	50
13	4	52	4	77	4	93	5	11	5	30	5	50	5	72	5	96
14	4	97	5	14	5	31	5	50	5	70	5	92	6	16	6	41
15	5	32	5	50	5	69	5	89	6	11	6	34	6	60	6	87
16	5	68	5	87	6	07	6	28	6	52	6	77	7	04	7	33
17	6	03	6	24	6	45	6	68	6	92	7	19	7	48	7	79
18	6	39	6	60	6	83	7	07	7	33	7	61	7	92	8	25
19	6	74	6	97	7	21	7	46	7	74	8	04	8	36	8	71
20	7	10	7	34	7	59	7	86	8	14	8	46	8	80	9	16
21	7	46	7	70	7	96	8	25	8	55	8	88	9	24	9	62
22	7	81	8	07	8	34	8	65	8	96	9	30	9	68	10	08
23	8	16	8	44	8	72	9	04	9	36	9	73	10	12	10	54
24	8	52	8	80	9	10	9	43	9	77	10	15	10	66	11	00
25	8	87	9	17	9	48	9	82	10	18	10	58	11	00		
26	9	23	9	54	9	86	10	21	10	59	11	00				
27	9	58	9	90	10	24	10	61	11	00						
28	9	94	10	27	10	62	11	00								
29	10	30	10	63	11	00										
30	10	65	11	00												
31	11	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$12.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1		39		40		41		43		44		46		48		50
2		77		80		83		86		89		92		96	1	00
3	1	16	1	20	1	24	1	29	1	33	1	38	1	44	1	50
4	1	55	1	60	1	66	1	72	1	78	1	85	1	92	2	00
5	1	93	2	00	2	07	2	15	2	22	2	31	2	40	2	50
6	2	32	2	40	2	49	2	58	2	67	2	77	2	88	3	00
7	2	71	2	80	2	90	3	00	3	11	3	23	3	36	3	50
8	3	10	3	20	3	32	3	43	3	56	3	69	3	84	4	00
9	3	48	3	60	3	73	3	86	4	00	4	15	4	32	4	50
10	3	87	4	00	4	14	4	29	4	44	4	61	4	80	5	00
11	4	26	4	40	4	55	4	72	4	89	5	07	5	28	5	50
12	4	64	4	80	4	97	5	15	5	33	5	54	5	76	6	00
13	5	03	5	20	5	38	5	57	5	78	6	00	6	24	6	50
14	5	42	5	60	5	80	6	00	6	22	6	46	6	72	7	00
15	5	81	6	00	6	21	6	43	6	67	6	92	7	20	7	50
16	6	19	6	40	6	62	6	86	7	11	7	38	7	68	8	00
17	6	58	6	80	7	04	7	28	7	56	7	85	8	16	8	50
18	6	97	7	20	7	45	7	70	8	00	8	31	8	64	9	00
19	7	35	7	60	7	86	8	13	8	45	8	77	9	12	9	50
20	7	74	8	00	8	28	8	53	8	89	9	23	9	60	10	00
21	8	13	8	40	8	69	9	00	9	34	9	69	10	08	10	50
22	8	52	8	80	9	11	9	43	9	79	10	15	10	56	11	00
23	8	91	9	20	9	52	9	86	10	23	10	61	11	04	11	50
24	9	29	9	60	9	94	10	29	10	68	11	08	11	52	12	00
25	9	68	10	00	10	35	10	72	11	11	11	54	12	00		
26	10	07	10	40	10	76	11	15	11	56	12	00				
27	10	45	10	80	11	17	11	58	12	00						
28	10	84	11	20	11	59	12	00								
29	11	23	11	60	12	00										
30	11	62	12	00												
31	12	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$13.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1		42		43		45		46		48		50		52		54
2		84		87		90		93		96	1	00	1	04	1	08
3	1	26	1	30	1	35	1	39	1	44	1	50	1	56	1	63
4	1	68	1	74	1	80	1	86	1	92	2	00	2	08	2	17
5	2	10	2	17	2	25	2	32	2	40	2	50	2	50	2	71
6	2	52	2	60	2	70	2	78	2	88	3	00	3	12	3	25
7	2	94	3	04	3	15	3	25	3	37	3	50	3	64	3	79
8	3	36	3	47	3	60	3	71	3	89	4	00	4	16	4	33
9	3	78	3	90	4	05	4	18	4	33	4	50	4	68	4	88
10	4	20	4	34	4	50	4	64	4	81	5	00	5	20	5	42
11	4	61	4	77	4	95	5	10	5	29	5	50	5	72	5	96
12	5	03	5	20	5	38	5	57	5	77	6	00	6	24	6	50
13	5	45	5	64	5	82	6	03	6	25	6	50	6	76	7	04
14	5	87	5	67	6	27	6	50	6	74	7	00	7	28	7	58
15	6	29	6	50	6	72	6	96	7	22	7	50	7	80	8	13
16	6	71	6	93	7	17	7	43	7	70	8	00	8	32	8	67
17	7	13	7	37	7	62	7	89	8	18	8	50	8	84	9	21
18	7	55	7	80	8	07	8	36	8	66	9	00	9	36	9	75
19	7	97	8	23	8	52	8	82	9	14	9	50	9	88	10	29
20	8	39	8	67	8	97	9	28	9	63	10	00	10	40	10	83
21	8	81	9	10	9	42	9	75	10	11	10	50	10	92	11	38
22	9	23	9	53	9	86	10	21	10	59	11	00	11	41	11	92
23	9	65	9	97	10	31	10	68	11	07	11	50	11	96	12	46
24	10	07	10	40	10	76	11	14	11	55	12	00	12	48	13	00
25	10	50	10	84	11	20	11	60	12	03	12	50	13	00		
26	10	90	11	27	11	65	12	17	12	52	13	00				
27	11	32	11	70	12	10	12	63	13	00						
28	11	74	12	24	12	55	13	00								
29	12	16	12	67	13	00										
30	12	58	13	00												
31	13	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$14.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1		45		47		48		50		52		54		56		58
2		90		93		97	1	00	1	04	1	08	1	12	1	17
3	1	35	1	40	1	45	1	50	1	56	1	62	1	68	1	75
4	1	81	1	87	1	93	2	00	2	07	2	15	2	24	2	34
5	2	26	2	33	2	41	2	50	2	59	2	69	2	80	2	92
6	2	71	2	80	2	90	3	00	3	11	3	23	3	36	3	50
7	3	16	3	27	3	38	3	50	3	63	3	77	3	92	4	08
8	3	61	3	73	3	86	4	00	4	15	4	31	4	48	4	67
9	4	06	4	20	4	35	4	50	4	67	4	84	5	04	5	25
10	4	52	4	67	4	83	5	00	5	19	5	38	5	60	5	83
11	4	97	5	13	5	31	5	50	5	71	5	92	6	16	6	42
12	5	42	5	60	5	80	6	00	6	23	6	46	6	72	7	00
13	5	87	6	07	6	28	6	50	6	75	7	00	7	28	7	58
14	6	33	6	53	6	76	7	00	7	26	7	54	7	84	8	17
15	6	78	7	00	7	25	7	50	7	78	8	08	8	40	8	75
16	7	23	7	47	7	73	8	00	8	30	8	62	8	96	9	33
17	7	68	7	93	8	21	8	50	8	82	9	15	9	52	9	92
18	8	13	8	40	8	69	9	00	9	34	9	69	10	08	10	50
19	8	58	8	87	9	17	9	50	9	85	10	23	10	64	11	08
20	9	04	9	33	9	66	10	00	10	37	10	77	11	20	11	67
21	9	49	9	80	10	14	10	50	10	89	11	31	11	76	12	25
22	9	94	10	27	10	62	11	00	11	41	11	84	12	32	12	83
23	10	39	10	73	11	10	11	50	11	93	12	38	12	88	13	42
24	10	84	11	20	11	58	12	00	12	45	12	92	13	44	14	00
25	11	30	11	67	12	07	12	50	13	96	13	46	14	00		
26	11	75	12	13	12	55	13	00	13	48	14	00				
27	12	20	12	60	12	03	13	50	14	00						
28	12	65	13	07	13	52	14	00								
29	13	10	13	53	14	00										
30	13	55	14	00												
31	14	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$15.00 Per Month.



DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1		48		50		52		54		56		58		60		63
2		97	1	00	1	04	1	07	1	11	1	15	1	20	1	25
3	1	45	1	50	1	55	1	61	1	67	1	73	1	80	1	88
4	1	94	2	00	2	07	2	14	2	22	2	31	2	40	2	50
5	2	42	2	50	2	59	2	68	2	78	2	88	3	00	3	13
6	2	90	3	00	3	10	3	22	3	34	3	46	3	60	3	75
7	3	39	3	50	3	62	3	75	3	89	4	04	4	20	4	38
8	3	87	4	00	4	14	4	29	4	44	4	61	4	80	5	00
9	4	36	4	50	4	66	4	82	5	00	5	19	5	40	5	63
10	4	84	5	00	5	17	5	36	5	56	5	77	6	00	6	25
11	5	32	5	50	5	69	5	90	6	11	6	35	6	60	6	88
12	5	80	6	00	6	20	6	43	6	67	6	93	7	20	7	50
13	6	29	6	50	6	72	6	96	7	22	7	50	7	80	8	13
14	6	77	7	00	7	24	7	50	7	78	8	08	8	40	8	75
15	7	26	7	50	7	75	8	04	8	33	8	65	9	00	9	38
16	7	74	8	00	8	28	8	58	8	89	9	23	9	60	10	00
17	8	23	8	50	8	79	9	12	9	44	9	81	10	20	10	63
18	8	71	9	00	9	31	9	64	10	00	10	39	10	80	11	25
19	9	20	9	50	9	82	10	18	10	56	10	96	11	40	11	88
20	9	68	10	00	10	34	10	72	11	11	11	54	12	00	12	50
21	10	16	10	50	10	86	11	25	11	67	12	12	12	60	13	13
22	10	65	11	00	11	38	11	79	12	22	12	69	13	20	13	75
23	11	13	11	50	11	90	12	32	12	78	13	26	13	80	14	38
24	11	62	12	00	12	41	12	86	13	34	13	84	14	40	15	00
25	12	10	12	50	12	93	13	39	13	89	14	42	15	00		
26	12	58	13	00	13	44	13	93	14	45	15	00				
27	13	07	13	50	13	96	14	46	15	00						
28	13	55	14	00	14	48	15	00								
29	14	04	14	50	15	00										
30	14	52	15	00												
31	15	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$20.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1		65		67		69		71		74		77		80		83
2	1	29	1	34	1	38	1	43	1	48	1	54	1	60	1	67
3	1	94	2	00	2	07	2	14	2	22	2	31	2	40	2	50
4	2	58	2	67	2	76	2	85	2	96	3	08	3	20	3	33
5	3	23	3	34	3	45	3	57	3	70	3	85	4	00	4	17
6	3	87	4	00	4	14	4	28	4	44	4	62	4	80	5	00
7	4	52	4	67	4	83	5	00	5	19	5	39	5	60	5	83
8	5	16	5	34	5	52	5	71	5	93	6	16	6	40	6	67
9	5	81	6	00	6	21	6	43	6	67	6	93	7	20	7	50
10	6	45	6	67	6	90	7	14	7	41	7	70	8	00	8	33
11	7	10	7	34	7	59	7	85	8	15	8	46	8	80	9	17
12	7	74	8	00	8	28	8	57	8	89	9	23	9	60	10	00
13	8	39	8	67	8	97	9	28	9	63	10	00	10	40	10	83
14	9	03	9	34	9	66	10	00	10	37	10	77	11	20	11	67
15	9	68	10	00	10	35	10	71	11	11	11	54	12	00	12	50
16	10	32	10	67	11	04	11	43	11	85	12	31	12	80	13	33
17	10	97	11	34	11	73	12	14	12	59	13	08	13	60	14	17
18	11	61	12	00	12	42	12	85	13	33	13	85	14	40	15	00
19	12	26	12	67	13	11	13	57	14	07	14	62	15	20	15	83
20	12	90	13	34	13	80	14	28	14	81	15	39	16	00	16	67
21	13	55	14	00	14	49	15	00	15	55	16	16	16	80	17	50
22	14	19	14	67	15	18	15	71	16	30	16	93	17	60	18	33
23	14	84	15	34	15	87	16	43	17	04	17	70	18	40	19	17
24	15	48	16	00	16	56	17	14	17	78	18	46	19	20	20	00
25	16	13	16	67	17	25	17	85	18	52	19	23	20	00		
26	16	77	17	34	17	94	18	57	19	26	20	00				
27	17	42	18	00	18	63	19	28	20	00						
28	18	06	18	67	19	31	20	00								
29	18	71	19	33	20	00										
30	19	35	20	00												
31	20	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$25.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1		81		83		86		89		93		96	1	00	1	04
2	1	61	1	67	1	72	1	79	1	85	1	92	2	00	2	08
3	2	42	2	50	2	59	2	67	2	78	2	88	3	00	3	12
4	3	23	3	33	3	45	3	57	3	71	3	85	4	00	4	17
5	4	03	4	17	4	31	4	46	4	63	4	81	5	00	5	21
6	4	84	5	00	5	17	5	36	5	56	5	77	6	00	6	25
7	5	65	5	83	6	03	6	25	6	48	6	73	7	00	7	29
8	6	45	6	67	6	90	7	14	7	41	7	69	8	00	8	33
9	7	26	7	50	7	76	8	04	8	33	8	65	9	00	9	37
10	8	06	8	33	8	62	8	93	9	26	9	62	10	00	10	42
11	8	87	9	17	9	48	9	82	10	19	10	58	11	00	11	46
12	9	68	10	00	10	34	10	71	11	11	11	54	12	00	12	50
13	10	50	10	83	11	21	11	61	12	04	12	50	13	00	13	54
14	11	29	11	67	12	07	12	50	12	96	13	46	14	00	14	58
15	12	10	12	50	12	93	13	39	13	89	14	42	15	00	15	62
16	12	90	13	33	13	79	14	29	14	82	15	38	16	00	16	67
17	13	71	14	17	14	65	15	18	15	74	16	35	17	00	17	71
18	14	52	15	00	15	51	16	07	16	67	17	31	18	00	18	75
19	15	32	15	83	16	38	16	96	17	59	18	27	19	00	19	79
20	16	13	16	67	17	24	17	85	18	52	19	23	20	00	20	83
21	16	94	17	50	18	10	18	75	19	44	20	19	21	00	21	87
22	17	74	18	33	18	96	19	64	20	37	21	15	22	00	22	92
23	18	55	19	17	19	83	20	54	21	30	22	11	23	00	23	96
24	19	36	20	00	20	69	21	43	22	22	23	08	24	00	25	00
25	20	16	20	83	21	55	22	32	23	15	24	04	25	00		
26	20	97	21	67	22	41	23	21	24	07	25	00				
27	21	77	22	50	23	27	24	11	25	00						
28	22	58	23	33	24	14	25	00								
29	23	39	24	17	25	00										
30	24	19	25	00												
31	25	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$26.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1		84		87		90		93		97	1	00	1	04	1	08
2	1	68	1	73	1	79	1	86	1	93	2	00	2	08	2	17
3	2	52	2	60	2	69	2	79	2	89	3	00	3	12	3	25
4	3	36	3	47	3	59	3	72	3	85	4	00	4	16	4	33
5	4	20	4	33	4	48	4	65	4	81	5	00	5	20	5	42
6	5	03	5	20	5	38	5	58	5	78	6	00	6	24	6	50
7	5	87	6	07	6	28	6	50	6	74	7	00	7	28	7	58
8	6	71	6	93	7	17	7	42	7	70	8	00	8	32	8	67
9	7	55	7	80	8	07	8	36	8	67	9	00	9	36	9	75
10	8	39	8	67	8	96	9	28	9	63	10	00	10	40	10	83
11	9	23	9	53	9	86	10	21	10	59	11	00	11	44	11	92
12	10	07	10	40	10	75	11	14	11	56	12	00	12	48	13	00
13	10	91	11	27	11	65	12	07	12	52	13	00	13	52	14	08
14	11	74	12	13	12	55	13	00	13	48	14	00	14	56	15	17
15	12	58	13	00	13	45	13	93	14	44	15	00	15	60	16	25
16	13	42	13	87	14	35	14	86	15	41	16	00	16	64	17	33
17	14	26	14	73	15	24	15	78	16	37	17	00	17	68	18	42
18	15	10	15	60	16	13	16	71	17	33	18	00	18	72	19	50
19	15	94	16	47	17	03	17	64	18	30	19	00	19	76	20	58
20	16	78	17	33	17	92	18	58	19	26	20	00	20	80	21	67
21	17	61	18	20	18	82	19	50	20	22	21	00	21	84	22	75
22	18	45	19	07	19	71	20	43	21	19	22	00	22	88	23	83
23	19	29	19	93	20	61	21	36	22	15	23	00	23	92	24	92
24	20	13	20	80	21	50	22	28	23	11	24	00	24	96	26	00
25	20	97	21	67	22	40	23	21	24	08	25	00	26	00		
26	21	81	22	53	23	30	24	14	25	04	26	00				
27	22	65	23	40	24	20	25	07	26	00						
28	23	49	24	27	25	10	26	00								
29	24	33	25	13	26	00										
30	25	16	26	00												
31	26	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$28.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1		90		93		97	1	00	1	04	1	08	1	12	1	17
2	1	81	1	87	1	93	2	00	2	07	2	15	2	24	2	33
3	2	71	2	80	2	90	3	00	3	11	3	23	3	36	3	50
4	3	61	3	73	3	86	4	00	4	15	4	31	4	48	4	67
5	4	52	4	67	4	83	5	00	5	19	5	38	5	60	5	83
6	5	42	5	60	5	79	6	00	6	22	6	46	6	72	7	00
7	6	32	6	53	6	76	7	00	7	26	7	54	7	84	8	17
8	7	23	7	47	7	72	8	00	8	30	8	61	8	96	9	33
9	8	13	8	40	8	69	9	00	9	33	9	69	9	08	10	50
10	9	03	9	33	9	65	10	00	10	37	10	77	11	20	11	67
11	9	94	10	27	10	62	11	00	11	41	11	85	12	32	12	83
12	10	84	11	20	11	59	12	00	12	44	12	92	13	44	14	00
13	11	74	12	13	12	55	13	00	13	48	14	00	14	56	15	17
14	12	65	13	07	13	52	14	00	14	52	15	08	15	68	16	33
15	13	55	14	00	14	48	15	00	15	55	16	15	16	80	17	50
16	14	45	14	93	15	44	16	00	16	59	17	23	17	92	18	67
17	15	35	15	87	16	41	17	00	17	63	18	31	19	04	19	83
18	16	26	16	80	17	37	18	00	18	67	19	38	20	16	21	00
19	17	16	17	73	18	34	19	00	19	70	20	46	21	28	22	17
20	18	06	18	67	19	30	20	00	20	74	21	54	22	40	23	33
21	18	97	19	60	20	27	21	00	21	78	22	62	23	52	24	50
22	19	87	20	53	21	23	22	00	22	81	23	69	24	64	25	67
23	20	77	21	47	22	19	23	00	23	85	24	77	25	76	26	83
24	21	67	22	40	23	16	24	00	24	89	25	85	26	88	28	00
25	22	58	23	33	24	13	25	00	25	93	26	92	28	00		
26	23	48	24	27	25	10	26	00	26	96	28	00				
27	24	38	25	20	26	07	27	00	28	00						
28	25	29	26	13	27	03	28	00								
29	26	19	27	07	28	00										
30	27	10	28	00												
31	28	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$30.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1		97	1	00	1	04	1	07	1	11	1	15	1	20	1	25
2	1	94	2	00	2	07	2	14	2	22	2	30	2	40	2	50
3	2	91	3	00	3	10	3	21	3	33	3	46	3	60	3	75
4	3	87	4	00	4	14	4	29	4	44	4	61	4	80	5	00
5	4	84	5	00	5	17	5	36	5	56	5	76	6	00	6	25
6	5	81	6	00	6	21	6	43	6	67	6	91	7	20	7	50
7	6	78	7	00	7	25	7	50	7	78	8	07	8	40	8	75
8	7	74	8	00	8	28	8	57	8	89	9	22	9	60	10	00
9	8	71	9	00	9	32	9	64	10	00	10	38	10	80	11	25
10	9	68	10	00	10	35	10	71	11	11	11	53	12	00	12	50
11	10	65	11	00	11	38	11	79	12	22	12	69	13	20	13	25
12	11	61	12	00	12	42	12	86	13	33	13	84	14	40	15	00
13	12	58	13	00	13	45	13	93	14	44	15	00	15	60	16	25
14	13	55	14	00	14	49	15	00	15	56	16	15	16	80	17	50
15	14	52	15	00	15	52	16	07	16	67	17	31	18	00	18	75
16	15	49	16	00	16	56	17	14	17	78	18	46	19	20	20	00
17	16	45	17	00	17	59	18	21	18	89	19	61	20	40	21	25
18	17	42	18	00	18	62	19	29	20	00	20	76	21	60	22	50
19	18	39	19	00	19	66	20	36	21	11	21	91	22	80	23	75
20	19	35	20	00	20	70	21	43	22	22	23	07	24	00	25	00
21	20	32	21	00	21	74	22	50	23	33	24	22	25	20	26	25
22	21	29	22	00	22	77	23	57	24	44	25	38	26	40	27	50
23	22	26	23	00	23	80	24	64	25	56	26	53	27	60	28	75
24	23	22	24	00	24	84	25	71	26	67	27	69	28	80	30	00
25	24	19	25	00	25	87	26	79	27	78	28	85	30	00		
26	25	16	26	00	26	90	27	86	28	89	30	00				
27	26	12	27	00	27	93	28	93	30	00						
28	27	09	28	00	28	96	30	00								
29	28	06	29	00	30	00										
30	29	03	30	00												
31	30	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$35.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	1	13	1	17	1	21	1	25	1	30	1	35	1	40	1	46
2	2	26	2	33	2	41	2	50	2	59	2	69	2	80	2	92
3	3	39	3	50	3	62	3	75	3	89	4	04	4	20	4	38
4	4	52	4	67	4	83	5	00	5	19	5	39	5	60	5	83
5	5	65	5	83	6	04	6	25	6	48	6	73	7	00	7	29
6	6	77	7	00	7	24	7	50	7	78	8	08	8	40	8	75
7	7	90	8	17	8	45	8	75	9	07	9	43	9	80	10	21
8	9	03	9	33	9	65	10	00	10	37	10	77	11	20	11	67
9	10	16	10	50	10	85	11	25	11	67	12	12	12	40	13	13
10	11	29	11	67	12	07	12	50	12	96	13	46	14	00	14	58
11	12	42	12	83	13	28	13	75	14	26	14	81	15	40	16	04
12	13	55	14	00	14	48	15	00	15	56	16	16	16	80	17	50
13	14	68	15	17	15	69	16	25	16	85	17	50	18	20	18	96
14	15	81	16	33	16	90	17	50	18	15	18	85	19	60	20	42
15	16	94	17	50	18	10	18	75	19	45	20	19	21	00	21	88
16	18	07	18	67	19	31	20	00	20	74	21	54	22	40	23	33
17	19	20	19	83	20	52	21	25	22	04	22	89	23	80	24	79
18	20	32	21	00	21	72	22	50	23	33	24	23	25	20	26	25
19	21	45	22	17	22	93	23	75	24	63	25	58	26	60	27	71
20	22	58	23	33	24	14	25	00	25	93	26	92	28	00	29	17
21	23	71	24	50	25	35	26	25	27	22	28	27	29	40	30	63
22	24	84	25	67	26	56	27	50	28	52	29	62	30	80	32	08
23	25	97	26	83	27	76	28	75	29	82	30	97	32	20	33	54
24	27	10	28	00	29	97	30	00	31	11	32	31	33	60	35	00
25	28	23	29	17	30	17	31	25	32	41	33	65	35	00		
26	29	36	30	33	31	38	32	50	33	70	35	00				
27	30	59	31	50	32	59	33	75	35	00						
28	31	61	32	67	33	80	35	00								
29	32	74	33	83	35	00										
30	33	87	35	00												
31	35	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$40.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	1	29	1	33	1	38	1	43	1	48	1	54	1	60	1	67
2	2	59	2	67	2	76	2	86	2	96	3	08	3	20	3	33
3	3	87	4	00	4	14	4	29	4	44	4	62	4	80	5	00
4	5	16	5	33	5	52	5	72	5	93	6	16	6	40	6	67
5	6	45	6	67	6	90	7	14	7	41	7	69	8	00	8	33
6	7	74	8	00	8	28	8	57	8	89	9	23	9	60	10	00
7	9	03	9	33	9	66	10	00	10	37	10	77	11	20	11	67
8	10	32	10	67	11	03	11	43	11	85	12	31	12	80	13	33
9	11	61	12	00	12	41	12	86	13	33	13	85	14	40	15	00
10	12	90	13	33	13	79	14	29	14	81	15	38	16	00	16	67
11	14	19	14	67	15	17	15	72	16	29	16	92	17	60	18	33
12	15	48	16	00	16	55	17	14	17	77	18	46	19	20	20	00
13	16	77	17	33	17	93	18	57	19	25	20	00	20	80	21	67
14	18	06	18	67	19	31	20	00	20	73	21	54	22	40	23	33
15	19	35	20	00	20	69	21	43	22	22	23	08	24	00	25	00
16	20	65	21	33	22	07	22	86	23	70	24	61	25	60	26	67
17	21	94	22	67	23	44	24	29	25	18	26	15	27	20	28	33
18	23	23	24	00	24	83	25	72	26	67	27	69	28	80	30	00
19	24	52	25	33	26	21	27	14	28	15	29	23	30	40	31	67
20	25	81	26	67	27	59	28	57	29	63	30	77	32	00	33	33
21	27	10	28	00	28	97	30	00	31	11	32	31	33	60	35	00
22	28	39	29	33	30	35	31	43	32	59	33	84	35	20	36	67
23	29	68	30	67	31	73	32	86	34	07	35	38	36	80	38	33
24	30	97	32	00	33	10	34	29	35	56	36	92	37	40	40	00
25	32	26	33	33	34	48	35	72	37	04	38	46	40	00		
26	33	55	34	67	35	86	37	14	38	52	40	00				
27	34	84	36	00	37	24	38	57	40	00						
28	36	13	37	33	38	62	40	00								
29	37	42	38	67	40	00										
30	38	71	40	00												
31	40	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$45.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	1	45	1	50	1	55	1	61	1	67	1	73	1	80	1	88
2	2	90	3	00	3	10	3	22	3	33	3	46	3	60	3	75
3	4	35	4	50	4	65	4	82	5	00	5	19	5	40	5	63
4	5	81	6	00	6	21	6	43	6	67	6	92	7	20	7	50
5	7	26	7	50	7	76	8	04	8	33	8	65	9	00	9	38
6	8	71	9	00	9	31	9	65	10	00	10	38	10	80	11	25
7	10	16	10	50	10	86	11	25	11	67	12	12	12	60	13	13
8	11	61	12	00	12	41	12	86	13	33	13	85	14	40	15	00
9	13	06	13	50	13	96	14	47	15	00	15	58	16	20	16	88
10	14	52	15	00	15	52	16	07	16	67	17	31	18	00	18	75
11	15	97	16	50	17	07	17	68	18	33	19	04	19	80	20	63
12	17	42	18	00	18	62	19	29	20	00	20	77	21	60	22	50
13	18	87	19	50	20	17	20	90	21	67	22	50	23	40	24	38
14	20	32	21	00	21	72	22	50	23	33	24	23	25	20	26	25
15	21	77	22	50	23	27	24	11	25	00	25	96	27	00	28	13
16	23	23	24	00	24	83	25	72	26	67	27	69	28	80	30	00
17	24	68	25	50	26	38	27	33	28	33	29	43	30	60	31	88
18	26	13	27	00	27	93	28	93	30	00	31	16	32	40	33	75
19	27	58	28	50	29	48	30	54	31	67	32	89	34	20	35	63
20	29	03	30	00	31	04	32	14	33	33	34	62	36	00	37	50
21	30	48	31	50	32	59	33	75	35	00	36	35	37	80	39	38
22	31	93	33	00	34	14	35	36	36	67	38	08	39	60	41	25
23	33	38	34	50	35	69	36	97	38	33	39	81	41	40	43	13
24	34	83	36	00	37	24	38	57	40	00	41	54	43	20	45	00
25	36	29	37	50	38	79	40	18	41	67	43	27	45	00		
26	37	74	39	00	40	34	41	79	43	33	45	00				
27	39	19	40	50	41	90	43	40	45	00						
28	40	64	42	00	43	45	45	00								
29	42	10	43	50	45	00										
30	43	55	45	00												
31	45	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$50.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	1	61	1	67	1	72	1	79	1	85	1	92	2	00	2	08
2	3	22	3	33	3	45	3	57	3	70	3	85	4	00	4	17
3	4	84	5	00	5	17	5	36	5	55	5	77	6	00	6	25
4	6	45	6	67	6	90	7	14	7	41	7	69	8	00	8	33
5	8	06	8	33	8	62	8	93	9	26	9	62	10	00	10	42
6	9	68	10	00	10	35	10	71	11	11	11	54	12	00	12	50
7	11	29	11	67	12	07	12	50	12	96	13	46	14	00	14	58
8	12	90	13	33	13	80	14	28	14	81	15	39	16	00	16	67
9	14	52	15	00	15	52	16	07	16	66	17	31	18	00	18	75
10	16	13	16	67	17	24	17	85	18	52	19	23	20	00	20	84
11	17	74	18	33	18	97	19	64	20	37	21	15	22	00	22	92
12	19	35	20	00	20	70	21	42	22	22	23	08	24	00	25	00
13	20	97	21	67	22	41	23	21	24	08	25	00	26	00	27	08
14	22	58	23	33	24	14	25	00	25	93	26	92	28	00	29	17
15	24	19	25	00	25	87	26	79	27	78	28	85	30	00	31	25
16	25	80	26	67	27	59	28	57	29	63	30	77	32	00	33	33
17	27	41	28	33	29	32	30	36	31	48	32	69	34	00	35	42
18	29	03	30	00	31	05	32	14	33	33	34	62	36	00	37	50
19	30	65	31	67	32	77	33	93	35	18	36	54	38	00	39	58
20	32	26	33	33	34	48	35	71	37	04	38	46	40	00	41	67
21	33	87	35	00	36	20	37	50	38	89	40	39	42	00	43	75
22	35	48	36	67	37	93	39	28	40	74	42	31	44	00	45	83
23	37	09	38	33	39	65	41	07	42	60	44	23	46	00	47	92
24	38	70	40	00	41	38	42	85	44	45	46	15	48	00	50	00
25	40	31	41	67	43	10	44	64	46	30	48	07	50	00		
26	41	94	43	33	44	83	46	42	48	15	50	00				
27	43	55	45	00	46	55	48	27	50	00						
28	45	17	46	67	48	27	50	00								
29	46	78	48	33	50	00										
30	48	39	50	00												
31	50	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$60.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	1	94	2	00	2	07	2	14	2	22	2	31	2	40	2	50
2	3	87	4	00	4	14	4	29	4	44	4	61	4	80	5	00
3	5	81	6	00	6	21	6	43	6	67	6	92	7	20	7	50
4	7	74	8	00	8	28	8	57	8	89	9	23	9	60	10	00
5	9	68	10	00	9	35	10	71	11	11	11	53	12	00	12	50
6	11	61	12	00	11	41	12	86	13	33	13	84	14	40	15	00
7	13	55	14	00	13	48	15	00	15	55	16	15	16	80	17	50
8	15	48	16	00	15	55	17	14	17	78	18	46	19	20	20	00
9	17	42	18	00	17	62	19	29	20	00	20	77	21	60	22	50
10	19	35	20	00	20	69	21	43	22	22	23	07	24	00	25	00
11	21	29	22	00	22	76	23	57	24	44	25	38	26	40	27	50
12	23	23	24	00	24	83	25	72	26	67	27	69	28	80	30	00
13	25	16	26	00	26	90	27	86	28	89	30	00	31	20	32	50
14	27	09	28	00	28	97	30	00	31	11	32	31	33	60	35	00
15	29	03	30	00	31	04	32	14	33	33	34	61	36	00	37	50
16	30	96	32	00	33	10	34	29	35	55	36	92	38	40	40	00
17	32	90	34	00	35	17	36	43	37	78	39	23	40	80	42	50
18	34	83	36	00	37	24	38	57	40	00	41	53	43	20	45	00
19	36	77	38	00	39	31	40	72	42	22	43	84	45	60	47	50
20	38	71	40	00	41	38	42	86	44	44	46	15	48	00	50	00
21	40	65	42	00	43	45	45	00	46	67	48	46	50	40	52	50
22	42	58	44	00	45	52	47	14	48	89	50	77	52	80	55	00
23	44	52	46	00	47	59	49	29	51	11	53	07	55	20	57	50
24	46	45	48	00	49	66	51	43	53	33	55	38	57	60	60	00
25	48	38	50	00	51	72	53	57	55	55	57	69	60	00		
26	50	32	52	00	53	79	55	72	57	88	60	00				
27	52	25	54	00	55	86	57	86	60	00						
28	54	19	56	00	57	93	60	00								
29	56	13	58	00	60	00										
30	58	06	60	00												
31	60	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$70.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	2	26	2	33	2	41	2	50	2	59	2	69	2	80	2	92
2	4	52	4	67	4	83	5	00	5	18	5	38	5	60	5	83
3	6	78	7	00	7	24	7	50	7	78	8	07	8	40	8	75
4	9	03	9	33	9	65	10	00	10	37	10	77	11	20	11	67
5	11	29	11	67	12	07	12	50	12	96	13	46	14	00	14	58
6	13	55	14	00	14	48	15	00	15	55	16	15	16	80	17	50
7	15	81	16	33	16	89	17	50	18	15	18	85	19	60	20	42
8	18	06	18	67	19	31	20	00	20	74	21	54	22	40	23	33
9	20	32	21	00	21	72	22	50	23	33	24	23	25	20	26	25
10	22	58	23	34	24	14	25	00	25	92	26	92	28	00	29	17
11	24	84	25	67	26	55	27	50	28	51	29	62	30	80	32	08
12	27	10	28	00	28	97	30	00	31	10	32	31	33	60	35	00
13	29	35	30	33	31	38	32	50	33	70	35	00	36	40	37	92
14	31	61	32	67	33	79	35	00	36	29	37	69	39	20	40	83
15	33	87	35	00	36	21	37	50	38	88	40	38	42	00	43	75
16	36	13	37	33	38	62	40	00	41	47	43	08	44	80	46	67
17	38	39	39	67	41	04	42	50	44	06	45	77	47	60	49	58
18	40	65	42	00	43	45	45	00	46	66	48	46	50	40	52	50
19	42	90	44	33	45	86	47	50	49	26	51	15	53	20	55	42
20	45	16	46	67	48	28	50	00	51	85	53	84	56	00	58	33
21	47	42	49	00	50	69	52	50	54	44	56	53	58	80	61	25
22	49	68	51	33	53	10	55	00	57	03	59	22	61	60	64	17
23	51	93	53	67	55	52	57	50	59	62	61	92	64	40	67	08
24	54	19	56	00	57	93	60	00	62	21	64	61	67	20	70	00
25	56	45	58	33	60	35	62	50	64	80	67	30	70	00		
26	58	71	60	67	62	76	65	00	67	40	70	00				
27	60	97	63	00	65	18	67	50	70	00						
28	63	22	65	33	67	59	70	00								
29	65	48	67	67	70	00										
30	67	74	70	00												
31	70	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$75.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	2	42	2	50	2	59	2	68	2	78	2	89	3	00	3	13
2	4	84	5	00	5	17	5	36	5	56	5	77	6	00	6	25
3	7	26	7	50	7	76	8	04	8	33	8	66	9	00	9	38
4	9	68	10	00	10	34	10	72	11	11	11	54	12	00	12	50
5	12	10	12	50	12	93	13	40	13	89	14	43	15	00	15	63
6	14	52	15	00	15	51	16	07	16	67	17	31	18	00	18	75
7	16	94	17	50	18	10	18	75	19	44	20	20	21	00	21	88
8	19	36	20	00	20	69	21	43	22	22	23	08	24	00	25	00
9	21	77	22	50	23	28	24	11	25	00	25	96	27	00	28	13
10	24	19	25	00	25	86	26	79	27	78	28	85	30	00	31	25
11	26	61	27	50	28	45	29	47	30	56	31	73	33	00	34	38
12	29	03	30	00	31	03	32	14	33	33	34	61	36	00	37	50
13	31	45	32	50	33	62	34	82	36	11	37	50	39	00	40	63
14	33	87	35	00	36	21	37	50	38	89	40	39	42	00	43	75
15	36	29	37	50	38	80	40	18	41	67	43	27	45	00	46	88
16	38	71	40	00	41	38	42	86	44	44	46	16	48	00	50	00
17	41	13	42	50	43	97	45	54	47	22	49	04	51	00	53	13
18	43	55	45	00	46	55	48	22	50	00	51	93	54	00	56	25
19	45	97	47	50	49	14	50	90	52	78	54	81	57	00	59	38
20	48	39	50	00	51	72	53	57	55	56	57	70	60	00	62	50
21	50	81	52	50	54	31	56	25	58	33	60	58	63	00	65	63
22	53	23	55	00	56	89	58	93	61	11	63	46	66	00	68	75
23	55	65	57	50	59	48	61	61	63	89	66	35	69	00	71	88
24	58	07	60	00	62	06	64	29	66	67	69	23	72	00	75	00
25	60	49	62	50	64	65	66	97	69	44	72	12	75	00		
26	62	91	65	00	67	24	69	65	72	22	75	00				
27	65	33	67	50	69	83	72	32	75	00						
28	67	75	70	00	72	42	75	00								
29	70	16	72	50	75	00										
30	72	58	75	00												
31	75	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$80.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	2	58	2	67	2	76	2	86	2	96	3	08	3	20	3	33
2	5	16	5	33	5	52	5	71	5	93	6	15	6	40	6	67
3	7	74	8	00	8	28	8	57	8	89	9	23	9	60	10	00
4	10	32	10	67	11	04	11	43	11	85	12	31	12	80	13	33
5	12	90	13	33	13	79	14	29	14	82	15	38	16	00	16	67
6	15	48	16	00	16	55	17	14	17	78	18	46	19	20	20	00
7	18	06	18	67	19	31	20	00	20	74	21	54	22	40	23	33
8	20	64	21	33	22	06	22	86	23	71	24	51	25	60	26	67
9	23	22	24	00	24	82	25	72	26	67	27	69	28	80	30	00
10	25	80	26	67	27	58	28	57	29	63	30	77	32	00	33	33
11	28	38	29	33	30	34	31	43	32	59	33	84	35	20	36	67
12	30	96	32	00	33	10	34	28	35	55	36	92	38	40	40	00
13	33	55	34	67	35	86	37	14	38	52	40	00	41	60	43	33
14	36	13	37	33	38	62	40	00	41	48	43	08	44	80	46	67
15	38	71	40	00	41	38	42	86	44	45	46	15	48	00	50	00
16	41	29	42	67	44	14	45	71	47	41	49	23	51	20	53	33
17	43	87	45	33	46	90	48	57	50	37	52	31	54	40	56	67
18	46	45	48	00	49	65	51	43	53	34	55	38	57	60	60	00
19	49	03	50	67	52	41	54	38	56	30	58	46	60	80	63	33
20	51	61	53	34	55	17	57	24	59	26	61	54	64	00	66	67
21	54	19	56	00	57	93	60	00	62	22	64	62	67	20	70	00
22	56	77	58	67	60	69	62	86	65	19	67	69	70	40	73	33
23	59	35	61	33	63	45	65	71	68	15	70	77	73	60	76	67
24	61	93	64	00	66	21	68	57	71	11	73	84	76	80	80	00
25	64	51	66	67	68	96	71	43	74	08	76	92	80	00		
26	67	09	69	33	71	72	74	28	77	04	80	00				
27	69	67	72	00	74	48	77	14	80	00						
28	72	25	74	67	77	24	80	00								
29	74	83	77	33	80	00										
30	77	42	80	00												
31	80	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$90.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	2	90	3	00	3	10	3	21	3	33	3	46	3	60	3	75
2	5	81	6	00	6	21	6	43	6	67	6	92	7	20	7	50
3	8	71	9	00	9	31	9	64	10	00	10	38	10	80	11	25
4	11	61	12	00	12	41	12	86	13	33	13	85	14	40	15	00
5	14	52	15	00	15	52	16	07	16	67	17	31	18	00	18	75
6	17	42	18	00	18	62	19	29	20	00	20	77	21	60	22	50
7	20	32	21	00	21	72	22	50	23	33	24	23	25	20	26	25
8	23	23	24	00	24	83	25	72	26	67	27	69	28	80	30	00
9	26	13	27	00	27	93	29	93	30	00	31	15	32	40	33	75
10	29	03	30	00	31	03	32	14	33	33	34	61	36	00	37	50
11	31	94	33	00	34	14	35	36	36	67	38	07	39	60	41	25
12	34	84	36	00	37	24	38	57	40	00	41	53	43	20	45	00
13	37	74	39	00	40	34	41	78	43	33	45	00	46	80	48	75
14	40	65	42	00	43	45	45	00	46	67	48	46	50	40	52	50
15	43	55	45	00	46	55	48	21	50	00	51	92	54	00	56	25
16	46	45	48	00	49	65	51	43	53	33	55	38	57	60	60	00
17	49	35	51	00	52	75	54	64	56	67	58	85	61	20	63	75
18	52	26	54	00	55	86	57	86	60	00	62	31	64	80	67	50
19	55	16	57	00	58	96	61	07	63	33	65	77	68	40	71	25
20	58	06	60	00	62	07	64	29	66	67	69	23	72	00	75	00
21	60	97	63	00	65	17	67	50	70	00	72	69	75	60	78	75
22	63	87	66	00	68	28	70	72	73	33	76	15	79	20	82	50
23	66	77	69	00	71	38	73	93	76	67	79	61	82	80	86	25
24	69	68	72	00	74	48	77	14	80	00	83	08	86	40	90	00
25	72	58	75	00	77	59	80	36	83	33	86	54	90	00		
26	75	48	78	00	80	69	83	57	86	67	90	00				
27	78	39	81	00	83	80	86	79	90	00						
28	81	29	84	00	86	90	90	00								
29	84	19	87	00	90	00										
30	87	10	90	00												
31	90	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$100.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	3	23	3	33	3	45	3	57	3	70	3	85	4	00	4	17
2	6	45	6	67	6	90	7	14	7	41	7	69	8	00	8	33
3	9	68	10	00	10	35	10	71	11	11	11	54	12	00	12	50
4	12	90	13	33	13	79	14	29	14	81	15	39	16	00	16	57
5	16	13	16	67	17	24	17	86	18	52	19	23	20	00	20	83
6	19	35	20	00	20	69	21	43	22	22	23	08	24	00	25	00
7	22	58	23	33	24	14	25	00	25	92	26	93	28	00	29	17
8	25	81	26	67	27	59	28	57	29	63	30	77	32	00	33	33
9	29	03	30	00	31	03	32	14	33	33	34	62	36	00	37	50
10	32	26	33	33	34	48	35	71	37	03	38	47	40	00	41	67
11	35	49	36	67	37	93	39	29	40	74	42	31	44	00	45	83
12	38	71	40	00	41	38	42	86	44	44	46	16	48	00	50	00
13	41	94	43	33	44	82	46	43	48	15	50	00	52	00	54	17
14	45	17	46	67	48	27	50	00	51	85	53	85	56	00	58	33
15	48	39	50	00	51	72	53	57	55	56	57	69	60	00	62	50
16	51	62	53	33	55	17	57	14	59	26	61	54	64	00	66	67
17	54	85	56	67	58	62	60	71	62	96	65	39	68	00	70	83
18	58	06	60	00	62	06	64	29	66	67	69	23	72	00	75	00
19	61	29	63	33	65	51	67	86	70	37	73	08	76	00	79	17
20	64	52	66	67	68	96	71	43	74	07	76	93	80	00	83	33
21	67	75	70	00	72	41	75	00	77	77	80	77	84	00	87	50
22	70	97	73	33	75	86	78	57	81	48	84	62	88	00	91	67
23	74	20	76	67	79	31	82	14	85	18	88	46	92	00	95	83
24	77	42	80	00	82	75	85	71	88	89	92	30	96	00	100	00
25	80	65	83	33	86	20	89	29	92	59	96	15	100	00		
26	83	87	86	67	89	65	92	86	96	29	100	00				
27	87	10	90	00	93	10	96	43	100	00						
28	90	32	93	33	96	55	100	00								
29	93	55	96	67	100	00										
30	96	77	100	00												
31	100	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$110.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	3	55	3	67	3	79	3	93	4	07	4	23	4	40	4	58
2	7	10	7	33	7	59	7	86	8	15	8	46	8	80	9	17
3	10	65	11	00	11	38	11	79	12	22	12	69	13	20	13	75
4	14	20	14	67	15	17	15	72	16	30	16	92	17	60	18	33
5	17	75	18	33	18	97	19	65	20	37	21	15	22	00	22	92
6	21	29	22	00	22	76	23	57	24	44	25	38	26	40	27	50
7	24	84	25	67	26	55	27	50	28	52	29	62	30	80	32	08
8	28	39	29	33	30	35	31	43	32	59	33	85	35	20	36	67
9	31	94	33	00	34	14	35	36	36	67	38	08	39	60	41	25
10	35	48	36	67	37	93	39	29	40	74	42	31	44	00	45	83
11	39	03	40	33	41	72	43	21	44	82	46	54	48	40	50	42
12	42	58	44	00	45	52	47	14	48	89	50	77	52	80	55	00
13	46	13	47	67	49	31	51	07	52	96	55	00	57	20	59	58
14	49	68	51	33	53	10	55	00	57	04	59	23	61	60	64	17
15	53	22	55	00	56	90	58	93	61	11	63	46	66	00	68	75
16	56	77	58	67	60	69	62	86	65	18	67	69	70	40	73	33
17	60	32	62	33	64	48	66	79	69	26	71	92	74	80	77	92
18	63	87	66	00	68	28	70	72	73	33	76	15	79	20	82	50
19	67	41	69	67	72	07	74	65	77	40	80	38	83	60	87	08
20	70	96	73	33	75	86	78	57	81	48	84	62	88	00	91	67
21	74	51	77	00	79	65	82	50	85	55	88	85	92	40	96	25
22	78	06	80	67	83	45	86	43	89	62	93	08	96	80	100	83
23	81	60	84	33	87	24	90	36	93	70	97	31	101	20	105	42
24	85	15	88	00	91	03	94	29	97	77	101	54	105	60	110	00
25	88	70	91	67	94	83	98	22	101	85	105	77	110	00		
26	92	25	95	33	98	62	102	14	105	92	110	00				
27	95	80	99	00	102	41	106	07	110	00						
28	99	35	102	67	106	21	110	00								
29	102	90	106	33	110	00										
30	106	45	110	00												
31	110	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$120.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	3	87	4	00	4	14	4	29	4	44	4	62	4	80	5	00
2	7	74	8	00	8	28	8	57	8	89	9	23	9	60	10	00
3	11	61	12	00	12	42	12	86	13	33	13	85	14	40	15	00
4	15	48	16	00	16	55	17	14	17	78	18	46	19	20	20	00
5	19	35	20	00	20	69	21	43	22	22	23	08	24	00	25	00
6	23	22	24	00	24	83	25	71	26	66	27	69	28	80	30	00
7	27	10	28	00	28	96	30	00	31	11	32	31	33	60	35	00
8	30	97	32	00	33	10	34	29	35	55	36	92	38	40	40	00
9	34	84	36	00	37	24	38	57	40	00	41	54	43	20	45	00
10	38	71	40	00	41	38	42	86	44	44	46	15	48	00	50	00
11	42	58	44	00	45	52	47	14	48	89	50	77	52	80	55	00
12	46	45	48	00	49	66	51	43	53	34	55	38	57	60	60	00
13	50	32	52	00	53	80	55	71	57	79	60	00	62	40	65	00
14	54	19	56	00	57	93	60	00	62	23	64	62	67	20	70	00
15	58	06	60	00	62	07	64	29	66	67	69	23	72	00	75	00
16	61	93	64	00	66	21	68	57	71	12	73	85	76	80	80	00
17	65	81	68	00	70	35	72	86	75	66	78	46	81	60	85	00
18	69	68	72	00	74	49	77	14	80	00	83	08	86	40	90	00
19	73	55	76	00	78	62	81	43	84	44	87	68	91	20	95	00
20	77	42	80	00	82	76	85	71	88	89	92	30	96	00	100	00
21	81	29	84	00	86	90	90	00	93	33	96	92	100	80	105	00
22	85	16	88	00	91	04	94	29	97	77	101	53	105	60	110	00
23	89	03	92	00	95	17	98	57	102	22	106	15	110	40	115	00
24	92	90	96	00	99	31	102	86	106	67	110	76	115	20	120	00
25	96	77	100	00	103	45	107	14	111	12	115	38	120	00		
26	100	64	104	00	107	59	111	43	115	56	120	00				
27	104	51	108	00	111	73	115	71	120	00						
28	108	39	112	00	115	86	120	00								
29	112	26	116	00	120	00										
30	116	13	120	00												
31	120	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$125.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	4	03	4	17	4	31	4	46	4	63	4	81	5	00	5	21
2	8	06	8	33	8	62	8	93	9	26	9	60	10	00	10	42
3	12	10	12	50	12	93	13	39	13	89	14	42	15	00	15	63
4	16	13	16	67	17	24	17	86	18	52	19	23	20	00	20	83
5	20	16	20	83	21	55	22	32	23	15	24	03	25	00	26	04
6	24	19	25	00	25	86	27	79	27	78	28	84	30	00	31	25
7	28	23	29	17	30	17	31	25	32	41	33	65	35	00	36	46
8	32	26	33	33	34	48	35	71	37	04	38	46	40	00	41	67
9	36	29	37	50	38	79	40	18	41	67	43	27	45	00	46	88
10	40	32	41	67	43	10	44	64	46	30	48	07	50	00	52	08
11	44	35	45	83	47	42	49	11	50	93	52	88	55	00	57	29
12	48	38	50	00	51	72	53	57	55	56	57	69	60	00	62	50
13	52	42	54	17	56	03	58	03	60	19	62	50	65	00	67	71
14	56	45	58	33	60	34	62	50	64	81	67	31	70	00	72	92
15	60	48	62	50	64	66	66	96	69	44	72	11	75	00	78	13
16	64	51	66	67	68	97	71	43	74	07	76	92	80	00	83	33
17	68	54	70	83	73	28	75	89	78	70	81	73	85	00	88	54
18	72	57	75	00	77	59	80	36	83	33	86	54	90	00	93	75
19	76	61	79	17	81	90	84	82	87	96	91	35	95	00	98	96
20	80	64	83	33	86	21	89	29	92	59	96	15	100	00	104	17
21	84	67	87	50	90	52	93	75	97	22	100	96	105	00	109	38
22	88	70	91	67	94	83	98	22	101	85	105	77	110	00	114	58
23	92	74	95	83	99	14	102	68	106	48	110	57	115	00	119	79
24	96	77	100	00	103	45	107	15	111	11	115	38	120	00	125	00
25	100	80	104	17	107	76	111	61	115	74	120	19	125	00		
26	104	83	108	33	112	07	116	07	120	37	125	00				
27	108	86	112	50	116	38	120	54	125	00						
28	112	90	116	67	120	69	125	00								
29	116	93	120	83	125	00										
30	120	97	125	00												
31	125	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$130.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	4	19	4	33	4	48	4	64	4	81	5	00	5	20	5	42
2	8	39	8	67	8	97	9	29	9	63	10	00	10	40	10	83
3	12	58	13	00	13	45	13	93	13	44	15	00	15	60	16	25
4	16	77	17	33	17	93	18	57	18	25	20	00	20	80	21	67
5	20	97	21	67	22	42	23	22	24	07	25	00	26	00	27	08
6	25	16	26	00	26	90	27	86	28	88	30	00	31	20	32	50
7	29	35	30	33	31	38	32	50	33	69	35	00	36	40	37	92
8	33	55	34	67	35	87	37	14	38	51	40	00	41	60	43	33
9	37	74	39	00	40	35	41	79	43	33	45	00	46	80	48	75
10	41	93	43	33	44	83	46	43	48	14	50	00	52	00	54	17
11	46	13	47	67	49	32	51	07	52	95	55	00	57	20	59	58
12	50	32	52	00	53	80	55	72	57	77	60	00	62	40	65	00
13	54	51	56	33	58	28	60	36	62	58	65	00	67	60	70	42
14	58	71	60	67	62	77	65	00	67	39	70	00	72	80	75	83
15	62	90	65	00	67	25	69	64	72	21	75	00	78	00	81	25
16	67	09	69	33	71	73	74	29	77	04	80	00	83	20	86	67
17	71	29	73	67	76	22	78	93	81	85	85	00	88	40	92	08
18	75	48	78	00	80	70	83	57	86	67	90	00	93	60	97	50
19	79	67	82	33	85	18	88	22	91	48	95	00	98	80	102	92
20	83	87	86	67	89	66	92	86	96	29	100	00	104	00	108	33
21	88	06	91	00	94	14	97	50	101	10	105	00	109	20	113	75
22	92	25	95	33	98	62	102	14	105	91	110	00	114	40	119	17
23	96	45	99	67	103	10	106	78	110	72	115	00	119	60	124	58
24	100	64	104	00	107	59	111	43	115	55	120	00	124	80	130	00
25	104	83	108	33	112	07	116	17	120	37	125	00	130	00		
26	109	03	112	67	116	55	120	82	125	18	130	00				
27	113	22	117	00	121	04	125	46	130	00						
28	117	41	121	33	125	52	130	00								
29	121	61	125	67	130	00										
30	125	80	130	00												
31	130	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$140.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	4	52	4	67	4	83	5	00	5	19	5	38	5	60	5	83
2	9	03	9	33	9	65	10	00	10	37	10	77	11	20	11	67
3	13	55	14	00	14	48	15	00	15	56	16	15	16	80	17	50
4	18	06	18	67	19	31	20	00	20	74	21	54	22	40	33	33
5	22	58	23	33	24	14	25	00	25	93	26	92	28	00	29	17
6	27	10	28	00	28	97	30	00	31	11	32	31	33	60	35	00
7	31	61	32	67	33	79	35	00	36	30	37	69	39	20	40	83
8	36	13	37	33	38	62	40	00	41	48	43	08	44	80	46	67
9	40	65	42	00	43	45	45	00	46	67	48	46	50	40	52	50
10	45	16	46	67	48	28	50	00	51	85	53	85	56	00	58	33
11	49	68	51	33	53	10	55	00	57	04	59	23	61	60	64	17
12	54	19	56	00	57	93	60	00	62	23	64	62	67	20	70	00
13	58	71	60	67	62	76	65	00	67	41	70	00	72	80	75	83
14	63	23	65	33	67	59	70	00	72	60	75	38	78	40	81	67
15	67	74	70	00	72	41	75	00	77	78	80	77	84	00	87	50
16	72	26	74	67	77	24	80	00	82	97	86	15	89	60	93	33
17	76	77	79	33	82	07	85	00	88	15	91	54	95	20	99	17
18	81	29	84	00	86	90	90	00	93	33	96	92	100	80	105	00
19	85	80	88	67	91	73	95	00	98	52	102	31	106	40	110	83
20	90	32	93	33	96	55	100	00	103	70	107	69	112	00	116	67
21	94	84	98	00	101	38	105	00	108	89	113	08	117	60	122	50
22	99	35	102	67	106	21	110	00	114	07	118	46	122	20	128	33
23	103	87	107	33	111	04	115	00	119	26	123	84	127	80	134	17
24	108	39	112	00	115	86	120	00	124	44	129	23	133	40	140	00
25	112	90	116	67	120	69	125	00	129	63	134	62	140	00		
26	117	42	121	33	125	52	130	00	134	81	140	00				
27	121	94	126	00	130	35	135	00	140	00						
28	126	45	130	67	135	17	140	00								
29	130	97	135	33	140	00										
30	135	48	140	00												
31	140	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$150.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	4	84	5	00	5	17	5	36	5	56	5	77	6	00	6	25
2	9	68	10	00	10	34	10	71	11	11	11	54	12	00	12	50
3	14	52	15	00	15	52	16	07	16	67	17	31	18	00	18	75
4	19	36	20	00	20	69	21	43	22	22	23	08	24	00	25	00
5	24	20	25	00	25	86	26	79	27	77	28	85	30	00	31	25
6	29	03	30	00	31	03	32	14	33	33	34	62	36	00	37	50
7	33	87	35	00	36	20	37	50	38	88	40	38	42	00	43	75
8	38	71	40	00	41	38	42	86	44	44	46	15	48	00	50	00
9	43	55	45	00	46	55	48	22	50	00	51	92	54	00	56	25
10	48	39	50	00	51	72	53	57	55	56	57	69	60	00	62	50
11	53	23	55	00	56	89	58	93	61	11	63	46	66	00	68	75
12	58	07	60	00	62	06	64	29	66	66	69	23	72	00	75	00
13	62	91	65	00	67	24	70	64	72	22	75	00	78	00	81	25
14	67	75	70	00	72	41	75	00	77	77	80	77	84	00	87	50
15	72	58	75	00	77	58	80	36	83	33	86	54	90	00	93	75
16	77	42	80	00	82	75	85	71	88	88	92	31	96	00	100	00
17	82	26	85	00	87	92	91	07	94	44	98	08	102	00	106	25
18	87	10	90	00	93	10	96	43	100	00	103	85	108	00	112	50
19	92	94	95	00	98	27	101	79	105	56	109	62	114	00	118	75
20	96	78	100	00	103	45	107	14	111	11	115	38	120	00	125	00
21	101	62	105	00	108	62	112	50	116	67	121	15	126	00	131	25
22	106	46	110	00	113	79	117	86	122	22	126	92	132	00	137	50
23	111	30	115	00	118	97	123	22	127	78	132	69	138	00	143	75
24	116	14	120	00	124	14	128	57	133	33	138	46	144	00	150	00
25	120	98	125	00	129	31	133	93	138	89	144	23	150	00		
26	125	81	130	00	134	48	139	29	144	44	150	00				
27	130	65	135	00	139	66	144	64	150	00						
28	135	49	140	00	144	83	150	00								
29	140	33	145	00	150	00										
30	145	16	150	00												
31	150	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$160.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	5	16	5	33	5	52	5	71	5	93	6	15	6	40	6	67
2	10	32	10	67	11	03	11	43	11	85	12	31	12	80	13	33
3	15	48	16	00	16	55	17	14	17	78	18	46	19	20	20	00
4	20	65	21	33	22	07	22	85	23	70	24	61	25	60	26	67
5	25	81	26	67	27	58	28	57	29	63	30	77	32	00	33	33
6	30	97	32	00	33	10	34	29	35	55	36	92	38	40	40	00
7	36	13	37	33	38	62	40	00	41	48	43	07	44	89	46	67
8	41	29	42	67	44	13	45	71	47	40	49	23	51	20	53	33
9	46	45	48	00	49	65	51	43	53	33	55	38	57	60	60	00
10	51	61	53	33	55	17	57	14	59	25	61	54	64	00	66	67
11	56	77	58	67	60	69	62	85	65	18	67	69	70	40	73	33
12	61	93	64	00	66	21	68	57	71	10	73	85	75	80	80	00
13	67	10	69	33	71	72	74	39	77	03	80	00	83	20	86	67
14	72	26	74	67	77	24	80	00	82	96	86	15	89	60	93	33
15	77	42	80	00	82	75	85	71	88	89	92	31	96	00	100	00
16	82	58	85	33	88	29	91	43	94	81	98	46	102	40	106	67
17	87	74	90	67	93	79	97	14	100	73	104	61	108	80	113	33
18	92	90	96	00	99	31	102	86	106	67	110	77	115	20	120	00
19	98	06	101	33	104	82	108	57	112	60	116	92	121	60	126	67
20	103	22	106	67	110	34	114	29	118	52	123	07	128	00	133	33
21	108	38	112	00	115	86	120	00	124	45	129	23	134	40	140	00
22	113	54	117	33	121	37	125	71	130	37	135	38	140	80	146	67
23	118	70	122	67	126	89	131	43	136	29	141	54	147	20	153	33
24	123	87	128	00	132	41	137	14	142	22	147	69	153	60	160	00
25	129	03	133	33	137	93	142	85	148	15	153	85	160	00		
26	134	19	138	67	143	45	148	57	154	07	160	00				
27	139	35	144	00	148	95	154	29	160	00						
28	144	52	149	33	154	48	160	00								
29	149	68	154	67	160	00										
30	154	84	160	00												
31	160	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$170.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	5	48	5	67	5	86	6	07	6	30	6	54	6	80	7	08
2	10	97	11	33	11	72	12	14	12	59	13	08	13	60	14	17
3	16	45	17	00	17	59	18	21	18	89	19	62	20	40	21	25
4	21	93	22	57	23	45	24	29	25	19	26	16	27	20	28	33
5	27	42	28	33	29	31	30	36	31	48	32	69	34	00	35	42
6	32	90	34	00	35	17	36	43	37	78	39	23	40	80	42	50
7	38	39	39	67	41	03	42	50	44	08	45	77	47	60	49	58
8	43	87	45	33	46	90	48	57	50	37	52	30	54	40	56	67
9	49	35	51	00	52	76	54	64	56	67	58	84	61	20	63	75
10	54	84	56	67	58	62	60	71	62	97	65	38	68	00	70	83
11	60	32	62	33	64	48	66	79	69	26	71	92	74	80	77	92
12	65	81	68	00	70	34	72	86	75	56	88	46	81	60	85	00
13	71	29	73	67	76	21	78	93	81	85	85	00	88	40	92	08
14	76	77	79	33	82	07	85	00	88	15	91	54	95	20	99	17
15	82	26	85	00	87	93	91	07	94	45	98	08	102	00	106	25
16	87	74	90	67	93	79	97	14	100	74	104	62	108	80	113	33
17	93	22	96	33	99	66	103	21	107	04	111	16	115	60	120	42
18	98	71	102	00	105	52	109	29	113	34	117	69	122	40	127	50
19	104	19	107	67	111	38	115	36	169	64	124	23	129	20	134	58
20	109	68	113	33	117	24	121	43	125	93	130	77	136	00	141	67
21	114	16	119	00	123	10	127	50	132	23	137	30	142	80	148	75
22	120	65	124	67	128	97	133	57	138	52	143	84	149	60	155	83
23	126	13	130	33	134	83	139	64	144	82	150	38	156	40	162	92
24	131	61	136	00	140	69	145	71	151	11	156	92	163	20	170	00
25	137	10	141	67	146	55	151	79	157	40	163	46	170	00		
26	142	58	147	33	152	41	157	86	163	70	170	00				
27	148	06	153	00	158	28	163	93	170	00						
28	153	55	158	67	164	14	170	00								
29	159	03	164	33	170	00										
30	164	52	170	00												
31	170	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$175.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	5	65	5	83	6	03	6	25	6	48	6	73	7	00	7	29
2	11	29	11	67	12	07	12	50	12	96	13	46	14	00	14	58
3	16	94	17	50	18	10	18	75	19	44	20	19	21	00	21	87
4	22	58	23	33	24	13	25	00	25	93	26	92	28	00	29	17
5	28	23	29	17	30	17	31	25	32	41	33	65	35	00	36	46
6	33	87	35	00	36	20	37	50	38	89	40	38	42	00	43	75
7	39	52	40	83	42	23	43	75	45	37	47	12	49	00	51	04
8	45	16	46	67	48	27	50	00	51	85	53	85	56	00	58	33
9	50	81	52	50	54	30	56	25	58	33	60	58	63	00	65	63
10	56	45	58	33	60	34	62	50	64	82	67	31	70	00	72	92
11	62	10	64	17	66	37	68	75	71	30	74	04	77	00	80	21
12	67	74	70	00	72	41	75	00	77	78	80	77	84	00	87	50
13	73	39	75	83	78	44	81	25	84	26	87	50	91	00	94	79
14	79	03	81	67	84	47	87	50	90	74	94	23	98	00	102	08
15	84	68	87	50	90	51	93	75	97	22	100	96	105	00	109	37
16	90	32	93	33	96	54	100	00	103	70	107	69	112	00	116	67
17	95	97	99	17	102	57	106	25	110	19	114	42	119	00	123	96
18	101	61	105	00	108	62	112	50	116	67	121	15	126	00	131	25
19	107	26	110	83	114	65	118	75	123	15	127	88	133	00	138	55
20	112	90	116	67	120	69	125	00	129	63	134	62	140	00	145	84
21	118	55	122	50	126	72	131	25	136	11	141	35	147	00	153	13
22	124	19	128	33	132	76	137	50	142	59	148	08	154	00	160	42
23	129	84	134	17	138	79	143	75	149	07	154	81	161	00	167	71
24	135	48	140	00	144	83	150	00	155	56	161	54	168	00	175	00
25	141	13	145	83	150	86	156	25	162	04	168	27	175	00		
26	146	78	151	67	156	90	162	50	168	52	175	00				
27	152	42	157	50	162	93	168	75	175	00						
28	158	07	163	33	168	97	175	00								
29	163	71	169	67	175	00										
30	169	35	175	00												
31	175	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$180.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	5	81	6	00	6	21	6	43	6	67	6	92	7	20	7	50
2	11	61	12	00	12	41	12	86	13	33	13	85	14	40	15	00
3	17	42	18	00	18	62	19	29	20	00	20	77	21	60	22	50
4	23	23	24	00	24	83	25	71	26	67	27	69	28	80	30	00
5	29	03	30	00	31	03	32	14	33	33	34	62	36	00	37	50
6	34	84	36	00	37	24	38	57	40	00	41	54	43	20	45	00
7	40	65	42	00	43	45	45	00	46	67	48	46	50	40	52	50
8	46	45	48	00	49	65	51	43	53	33	55	39	57	60	60	00
9	52	26	54	00	55	86	57	86	60	00	62	31	64	80	67	50
10	58	07	60	00	62	07	64	29	66	67	69	23	72	00	75	00
11	63	87	66	00	68	27	70	71	73	33	76	16	79	20	82	50
12	69	68	72	00	74	48	77	14	80	00	83	08	86	40	90	00
13	75	49	78	00	80	69	83	57	86	67	90	00	93	60	97	50
14	81	30	84	00	86	89	90	00	93	33	96	92	100	80	105	00
15	87	10	90	00	93	10	96	43	100	00	103	85	108	00	112	50
16	92	91	96	00	99	31	102	86	106	67	110	77	115	20	120	00
17	98	71	102	00	105	51	109	29	113	33	117	69	122	40	127	50
18	104	52	108	00	111	72	115	71	120	00	124	62	129	60	135	00
19	110	33	114	00	117	93	122	14	126	67	131	54	136	80	142	50
20	116	13	120	00	124	14	128	57	133	33	138	46	144	00	150	00
21	121	94	126	00	130	34	135	00	140	00	145	38	151	20	157	50
22	127	74	132	00	136	55	141	43	146	67	152	31	158	40	165	00
23	133	55	138	00	142	76	147	86	153	33	159	23	165	60	172	50
24	139	36	144	00	148	97	154	29	160	00	166	16	172	80	180	00
25	145	16	150	00	155	18	160	71	166	67	173	08	180	00		
26	150	97	156	00	161	38	167	14	173	33	180	00				
27	156	78	162	00	167	59	173	57	180	00						
28	162	58	168	00	173	79	180	00								
29	168	59	174	00	180	00										
30	174	19	180	00												
31	180	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$185.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	5	97	6	17	6	38	6	61	6	85	7	12	7	40	7	71
2	11	94	12	33	12	76	13	21	13	70	14	23	14	80	15	42
3	17	90	18	50	19	14	19	82	20	56	21	35	22	20	23	13
4	23	87	24	67	25	52	26	43	27	41	28	46	29	60	30	83
5	29	84	30	83	31	90	33	03	34	26	35	58	37	00	38	54
6	35	81	37	00	38	28	39	64	41	11	42	69	44	40	46	25
7	41	77	43	17	44	66	46	25	47	96	49	81	51	80	53	96
8	47	74	49	33	51	03	52	86	54	81	56	92	59	20	61	67
9	53	71	55	50	57	41	59	47	61	67	64	04	66	60	69	38
10	59	68	61	67	63	79	66	07	68	52	71	15	74	00	77	08
11	65	65	67	83	70	17	72	63	75	37	78	27	81	40	85	79
12	71	62	74	00	76	55	79	29	82	22	85	39	88	80	92	50
13	77	59	80	17	82	93	85	90	89	07	92	50	96	20	100	21
14	83	55	86	33	89	31	92	50	95	93	99	62	103	60	107	92
15	89	52	92	50	95	69	99	11	102	78	106	73	111	00	115	63
16	95	49	98	67	102	07	105	72	109	63	113	85	118	40	123	33
17	101	46	104	83	108	45	112	32	116	48	120	96	125	80	131	04
18	107	42	111	00	114	82	118	93	123	33	128	08	133	20	138	75
19	113	39	117	17	121	20	125	54	130	18	135	19	140	60	146	46
20	119	36	123	33	127	58	132	14	137	04	142	30	148	00	154	17
21	125	33	129	50	133	96	138	75	143	89	179	42	155	40	161	88
22	131	30	135	67	140	34	145	36	150	74	156	53	162	80	169	59
23	137	27	141	83	146	72	151	97	157	60	163	65	170	20	177	29
24	143	23	148	00	153	10	158	57	164	45	170	76	177	60	185	00
25	149	20	154	17	159	48	165	18	171	30	177	88	185	00		
26	155	17	160	33	165	86	171	79	178	15	185	00				
27	161	14	166	50	172	24	178	40	185	00						
28	167	10	172	67	178	62	185	00								
29	173	07	178	83	185	00										
30	179	03	185	00												
31	185	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$190.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	6	13	6	33	6	55	6	79	7	04	7	31	7	60	7	92
2	12	26	12	67	13	10	13	57	14	08	14	62	15	20	15	83
3	18	39	19	00	19	66	20	36	21	11	21	92	22	80	23	75
4	24	52	25	33	26	21	27	14	28	15	29	23	30	40	31	67
5	30	65	31	67	32	76	33	93	35	19	36	54	38	00	39	58
6	36	77	38	00	39	31	40	71	42	22	43	84	45	60	47	50
7	42	90	44	33	45	86	47	50	49	26	51	15	53	20	55	42
8	49	03	50	67	52	41	54	29	56	30	58	46	60	80	63	33
9	55	16	57	00	58	97	61	07	63	33	65	76	68	40	71	25
10	61	29	63	33	65	52	67	86	70	37	73	07	76	00	79	16
11	67	42	69	67	71	07	74	64	77	41	80	38	83	60	87	08
12	73	55	76	00	78	62	81	43	84	44	87	69	91	20	95	00
13	79	68	82	33	85	17	88	21	91	48	95	00	98	80	102	92
14	85	81	88	67	91	72	95	00	98	52	102	31	106	40	110	83
15	91	94	95	00	98	28	101	79	105	55	109	62	114	00	118	75
16	98	06	101	33	104	83	108	57	112	59	116	92	121	60	126	66
17	104	19	107	67	111	38	115	36	119	63	124	23	129	20	134	58
18	110	32	114	00	117	93	122	14	126	67	131	53	136	80	142	50
19	116	45	120	33	124	48	128	93	133	70	138	84	144	40	150	42
20	122	58	126	67	131	03	135	71	140	74	146	15	152	00	158	33
21	128	71	133	00	137	58	142	50	147	77	153	46	159	60	166	25
22	134	84	139	33	144	13	149	29	154	81	160	76	167	20	174	16
23	140	97	145	67	150	68	156	07	161	85	168	07	174	80	182	03
24	147	10	152	00	157	23	162	86	168	89	175	38	182	40	190	00
25	153	23	158	33	163	79	169	64	175	92	182	69	190	00		
26	159	35	164	67	170	34	176	43	182	96	190	00				
27	165	48	171	00	176	89	183	21	190	00						
28	171	61	177	33	183	45	190	00								
29	177	74	183	67	190	00										
30	183	87	190	00												
31	190	00														

WAGE TABLE.

ON THE BASIS OF 24, 25, 26, 27, 28, 29, 30, AND 31 DAYS PER MONTH.

At the Rate of \$200.00 Per Month.

DAYS.	31 Days.		30 Days.		29 Days.		28 Days.		27 Days.		26 Days.		25 Days.		24 Days.	
	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
1	6	45	6	67	6	90	7	14	7	41	7	69	8	00	8	33
2	12	90	13	33	13	79	14	29	14	81	15	38	16	00	16	67
3	19	35	20	00	20	69	21	43	22	22	23	08	24	00	25	00
4	26	81	26	67	27	58	28	57	29	63	30	77	32	00	33	33
5	32	26	33	33	34	48	35	72	37	03	38	46	40	00	41	67
6	38	71	40	00	41	38	42	86	44	44	46	15	48	00	50	00
7	45	16	46	67	48	28	50	00	51	85	53	85	56	00	58	33
8	51	61	53	33	55	17	57	14	59	25	61	54	64	00	66	67
9	58	06	60	00	62	07	64	29	66	66	69	23	72	00	75	00
10	64	52	66	67	68	97	71	43	74	07	76	92	80	00	83	33
11	70	97	73	33	75	86	78	57	81	47	84	61	88	00	91	67
12	77	42	80	00	82	76	85	72	88	88	92	30	96	00	100	00
13	83	87	86	67	89	65	92	86	96	29	100	00	104	00	108	33
14	90	32	93	33	96	55	100	00	103	69	107	69	112	00	116	67
15	96	78	100	00	103	45	107	14	111	10	115	38	120	00	125	00
16	103	23	106	67	110	34	114	29	118	51	123	08	128	00	133	33
17	109	68	113	33	117	24	121	43	125	91	130	77	136	00	141	67
18	116	13	120	00	124	14	128	57	133	33	138	46	144	00	150	00
19	122	58	126	67	131	03	135	72	140	74	146	16	152	00	158	33
20	129	04	133	33	137	93	142	86	148	14	153	86	160	00	166	67
21	135	49	140	00	144	83	150	00	155	55	161	55	168	00	175	00
22	141	94	146	67	151	72	157	14	162	96	169	24	176	00	183	33
23	148	39	153	33	158	62	164	29	170	36	176	93	184	00	191	67
24	154	85	160	00	165	52	171	43	177	77	184	62	192	00	200	00
25	161	30	166	67	172	41	178	57	185	18	192	31	200	00		
26	167	75	173	33	179	31	185	72	192	59	200	00				
27	174	20	180	00	186	21	192	86	200	00						
28	180	65	186	67	193	10	200	00								
29	187	10	193	33	200	00										
30	193	55	200	00												
31	200	00														

WAGE TABLE.

BY THE HOUR, DAY AND WEEK OF 6 DAYS.

ON THE BASIS OF 8 HOURS PER DAY AND FROM \$2 TO \$40 PER WEEK.

6 Days.		5 Days.		4 Days.		3 Days.		2 Days.		1 Day.		1 Hour.		¾ Hour.		½ Hour.		¼ Hour.	
\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
2	00	1	67	1	33	1	00		67		33		04		03		02		01
2	50	2	08	1	67	1	25		83		42		05		04		03		01
3	00	2	50	2	00	1	50	1	00		50		06		05		03		02
3	50	2	92	2	33	1	75	1	17		58		07		05		04		02
4	00	3	33	2	67	2	00	1	33		67		08		06		04		02
4	50	3	75	3	00	2	25	1	50		75		09		07		05		02
5	00	4	17	3	33	2	50	1	67		83		10		08		05		03
5	50	4	58	3	67	2	75	1	83		92		11		09		06		03
6	00	5	00	4	00	3	00	2	00	1	00		12		09		06		03
6	50	5	42	4	33	3	25	2	17	1	08		14		10		07		04
7	00	5	83	4	67	3	50	2	33	1	17		15		11		07		04
7	50	6	25	5	00	3	75	2	50	1	25		16		12		08		04
8	00	6	67	5	33	4	00	2	67	1	33		17		12		08		04
8	50	7	08	5	67	4	25	2	83	1	42		18		13		09		04
9	00	7	50	6	00	4	50	3	00	1	50		19		14		09		05
9	50	7	92	6	33	4	75	3	17	1	58		20		15		10		05
10	00	8	33	6	67	5	00	3	33	1	67		21		16		10		05
11	00	9	17	7	33	5	50	3	67	1	83		23		17		11		06
12	00	10	00	8	00	6	00	4	00	2	00		25		19		13		06
13	00	10	83	8	67	6	50	4	33	2	17		27		20		14		07
14	00	11	67	9	33	7	00	4	67	2	33		29		22		15		07
15	00	12	50	10	00	7	50	5	00	2	50		31		23		16		08
16	00	13	33	10	67	8	00	5	33	2	67		33		25		17		08
17	00	14	17	11	33	8	50	5	67	2	83		35		27		18		09
18	00	15	00	12	00	9	00	6	00	3	00		37		28		19		09
19	00	15	83	12	67	9	50	6	33	3	17		40		30		20		10
20	00	16	67	13	33	10	00	6	67	3	33		42		31		21		10
25	00	20	83	16	67	12	50	8	33	4	17		52		39		26		13
30	00	25	00	20	00	15	00	10	00	5	00		62		47		31		16
35	00	29	17	23	33	17	50	11	67	5	83		73		55		37		18
40	00	33	33	26	67	20	00	13	33	6	67		83		62		42		21

WAGE TABLE.

BY THE HOUR, DAY AND WEEK OF 6 DAYS.

ON THE BASIS OF 9 HOURS PER DAY AND FROM \$2 TO \$40 PER WEEK.

6 Days.		5 Days.		4 Days.		3 Days.		2 Days.		1 Day.		1 Hour.		¼ Hour.		½ Hour.		¾ Hour.	
\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
2 00		1 67		1 33		1 00		67		33		04		03		02		01	
2 50		2 08		1 67		1 25		83		42		05		03		02		01	
3 00		2 50		2 00		1 50		1 00		50		06		04		03		01	
3 50		2 92		2 33		1 75		1 17		58		06		05		03		01	
4 00		3 33		2 67		2 00		1 33		67		07		06		04		02	
4 50		3 75		3 00		2 25		1 50		75		08		06		04		02	
5 00		4 17		3 33		2 50		1 67		83		09		07		05		02	
5 50		4 58		3 67		2 75		1 83		92		10		07		05		03	
6 00		5 00		4 00		3 00		2 00		1 00		11		08		06		03	
6 50		5 42		4 33		3 25		2 17		1 08		12		09		06		03	
7 00		5 83		4 67		3 50		2 33		1 17		13		10		07		03	
7 50		6 25		5 00		3 75		2 50		1 25		14		10		07		03	
8 00		6 67		5 33		4 00		2 67		1 33		15		12		08		04	
8 50		7 08		5 67		4 25		2 83		1 42		16		12		08		04	
9 00		7 50		6 00		4 50		3 00		1 50		17		13		08		04	
9 50		7 92		6 33		4 75		3 17		1 58		18		13		09		04	
10 00		8 33		6 67		5 00		3 33		1 67		19		14		09		05	
11 00		9 17		7 33		5 50		3 67		1 83		20		15		10		05	
12 00		10 00		8 00		6 00		4 00		2 00		22		17		11		06	
13 00		10 83		8 67		6 50		4 33		2 17		24		18		12		06	
14 00		11 67		9 33		7 00		4 67		2 33		26		20		13		06	
15 00		12 50		10 00		7 50		5 00		2 50		28		21		14		07	
16 00		13 33		10 67		8 00		5 33		2 67		30		22		15		07	
17 00		14 17		11 33		8 50		5 67		2 83		31		24		16		08	
18 00		15 00		12 00		9 00		6 00		3 00		33		25		17		08	
19 00		15 83		12 67		9 50		6 33		3 17		35		26		18		09	
20 00		16 67		13 33		10 00		6 67		3 33		37		28		19		09	
25 00		20 83		16 67		12 50		8 33		4 17		46		35		23		12	
30 00		25 00		20 00		15 00		10 00		5 00		56		42		28		14	
35 00		29 17		23 33		17 50		11 67		5 83		65		49		32		16	
40 00		33 33		26 67		20 00		13 33		6 67		74		56		37		19	

WAGE TABLE.

BY THE HOUR, DAY AND WEEK OF 6 DAYS.

ON THE BASIS OF 10 HOURS PER DAY AND FROM \$2 TO \$40 PER WEEK.

6 Days.		5 Days.		4 Days.		3 Days.		2 Days.		1 Day.		1 Hour.	¾ Hour.	½ Hour.	¼ Hour.
\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.	\$	Cts.
2 00		1 67		1 33		1 00		67		33		03		03	
2 50		2 08		1 67		1 25		83		42		04		03	
3 00		2 50		2 00		1 50		1 00		50		05		04	
3 50		2 92		2 33		1 75		1 17		58		06		04	
4 00		3 33		2 67		2 00		1 33		67		07		05	
4 50		3 75		3 00		2 25		1 50		75		08		06	
5 00		4 17		3 33		2 50		1 67		83		08		06	
5 50		4 58		3 67		2 75		1 83		92		09		07	
6 00		5 00		4 00		3 00		2 00		1 00		10		08	
6 50		5 42		4 33		3 25		2 17		1 08		11		08	
7 00		5 83		4 67		3 50		2 33		1 17		12		09	
7 50		6 25		5 00		3 75		2 50		1 25		13		09	
8 00		6 67		5 33		4 00		2 67		1 33		13		10	
8 50		7 08		5 67		4 25		2 83		1 42		14		11	
9 00		7 50		6 00		4 50		3 00		1 50		15		11	
9 50		7 92		6 33		4 75		3 17		1 58		16		12	
10 00		8 33		6 67		5 00		3 33		1 67		17		13	
11 00		9 17		7 33		5 50		3 67		1 83		18		14	
12 00		10 00		8 00		6 00		4 00		2 00		20		15	
13 00		10 83		8 67		6 50		4 33		2 17		22		16	
14 00		11 67		9 33		7 00		4 67		2 33		23		18	
15 00		12 50		10 00		7 50		5 00		2 50		25		19	
16 00		13 33		10 67		8 00		5 33		2 67		27		20	
17 00		14 17		11 33		8 50		5 67		2 83		28		22	
18 00		15 00		12 00		9 00		6 00		3 00		30		23	
19 00		15 83		12 67		9 50		6 33		3 17		32		24	
20 00		16 67		13 33		10 00		6 67		3 33		33		25	
25 00		20 83		16 67		12 50		8 33		4 17		42		32	
30 00		25 00		20 00		15 00		10 00		5 00		50		38	
35 00		29 17		23 33		17 50		11 67		5 83		58		44	
40 00		33 33		26 67		20 00		13 33		6 67		67		50	

WAGE TABLE.

BY THE DAY AND HOUR.

On a Basis of 8, 9, and 10 Hours Per Day.

Amount Per Day.	Eight Hours Per Day.				Nine Hours Per Day.				Ten Hours Per Day.			
	1 Hour.	$\frac{3}{4}$ Hour.	$\frac{1}{2}$ Hour.	$\frac{1}{4}$ Hour.	1 Hour.	$\frac{3}{4}$ Hour.	$\frac{1}{2}$ Hour.	$\frac{1}{4}$ Hour.	1 Hour.	$\frac{3}{4}$ Hour.	$\frac{1}{2}$ Hour.	$\frac{1}{4}$ Hour.
.50	.06	.05	.03	.02	.06	.04	.03	.01	.05	.04	.03	.01
.75	.09	.07	.05	.02	.08	.06	.04	.02	.08	.06	.04	.02
1.00	.13	.09	.06	.03	.11	.08	.06	.03	.10	.08	.05	.03
1.25	.16	.12	.08	.04	.14	.10	.07	.04	.13	.09	.06	.03
1.50	.19	.14	.09	.05	.17	.13	.08	.04	.15	.11	.08	.04
1.75	.22	.16	.11	.05	.19	.15	.10	.05	.18	.13	.09	.04
2.00	.25	.19	.13	.06	.22	.17	.11	.06	.20	.15	.10	.05
2.25	.28	.21	.14	.07	.25	.19	.13	.06	.23	.17	.11	.06
2.50	.31	.24	.16	.08	.28	.21	.14	.07	.25	.19	.13	.06
2.75	.34	.26	.17	.09	.31	.23	.15	.08	.28	.21	.14	.07
3.00	.38	.28	.19	.09	.33	.25	.17	.08	.30	.23	.15	.08
3.25	.41	.31	.20	.10	.36	.27	.18	.09	.33	.24	.16	.08
3.50	.44	.32	.22	.11	.39	.29	.19	.10	.35	.26	.18	.09
3.75	.47	.35	.24	.12	.42	.31	.21	.10	.38	.28	.19	.09
4.00	.50	.38	.25	.13	.44	.33	.22	.11	.40	.30	.20	.10
4.25	.53	.40	.27	.13	.47	.35	.24	.12	.43	.32	.21	.11
4.50	.56	.42	.28	.14	.50	.38	.25	.13	.45	.34	.23	.11
4.75	.59	.45	.30	.15	.53	.40	.26	.13	.48	.36	.24	.12
5.00	.63	.47	.31	.16	.56	.42	.28	.14	.50	.38	.25	.13
6.00	.75	.57	.38	.19	.67	.50	.33	.17	.60	.45	.30	.15
7.00	.88	.66	.44	.22	.78	.58	.39	.19	.70	.53	.35	.18
8.00	1.00	.75	.50	.25	.89	.67	.44	.22	.80	.60	.40	.20
9.00	1.13	.84	.56	.28	1.00	.75	.50	.25	.90	.68	.45	.23
10.00	1.25	.94	.63	.31	1.11	.83	.56	.28	1.00	.75	.50	.25
11.00	1.38	1.03	.69	.34	1.22	.92	.61	.31	1.10	.83	.55	.28
12.00	1.50	1.13	.75	.38	1.33	1.00	.67	.33	1.20	.90	.60	.30
13.00	1.63	1.22	.82	.41	1.44	1.08	.72	.36	1.30	.98	.65	.33
14.00	1.75	1.31	.88	.44	1.56	1.17	.78	.39	1.40	1.05	.70	.35
15.00	1.88	1.41	.94	.47	1.67	1.25	.83	.42	1.50	1.13	.75	.38



MISCELLANEOUS.



Miscellaneous Tables.

MEASURES OF CAPACITY.

Inside dimensions in inches.

24 x 24 x 14.7	will contain	31.5	gallons
15 x 14 x 11	" " "	10	"
8½ x 7 x 4	" " "	1	gallon
4 x 4 x 3.6	" " "	1	quart
24 x 24 x 16	" " "	.5	bushels
16 x 12 x 11.2	" " "	1	bushel
12 x 11.2 x 8	" " "	½	"
7 x 6 x 4 x 12	" " "	1	peck
8.4 x 8 x 4	" " "	½	"

CAPACITY OF BARRELS.

Barrel for Lamp Oil	43	gallons
" Wine, Brandy, Gt. Brit'n	31.5	"
" Beer before 1803	32	"
" Ale	36	"
" Barcelona, London	30	"
" Claret,	29	"
" Lisbon,	35	"
" Madeira,	27.5	"
" Port	34.5	"
" Sherry,	32.5	"
" Brandy, etc., U. S.	31.5	"
" Corn, Maryland	5	bushels
" Fish,	220	pounds
" Lime,	320	"
" Flour,	196	"

Comparative Tables of Measures of Capacity.

LIQUID MEASURE.

231	cubic inches make	1	gallon
57½	" " "	1	quart
28½	" " "	1	pint
7½	" " "	1	gill

DRY MEASURE.

268½	cubic inches make	1	gallon
67½	" " "	1	quart
33¾	" " "	1	pint
8¾	" " "	1	gill

SHIPPING ADMEASUREMENT.

REGISTER TON.

For register tonnage, or for measurement of the entire internal capacity of a vessel, the following rule is arbitrarily assumed to facilitate computation :

100 cubic feet = 1 register ton.

SHIPPING TON.

FOR THE MEASUREMENT OF CARGO.

40 cubic feet equals

1 U. S. shipping ton
31.16 Imperial bushels
32 143 U. S. bushels.

42 cubic feet equals

1 British shipping ton
32 719 Imperial bushels
33.75 U. S. bushels.

The standard bushel of the United States contains 2150.42 cubic inches. The stricken, or even bushel, is the unit of measure for grain, seed, and small fruits. The heaped bushel is the unit of measure for coal, lime, corn in the ear, large fruits, root crops, etc., and contains 2747.7 cubic inches.

United States Lumber Tables.

CUBIC OR SOLID MEASURE.

Length x Breadth x Depth.

1 cubic foot or 1728 cubic inches equals

1.273 cylindrical feet
2200 " inches
3300 spherical inches
6600 conical "

1 cylindrical foot or 1728 cylindrical inches equals

0.785398 cubic feet
1357.2 " inches
2592 spherical "
5184 conical "

CUBIC MEASURE.

1728 cubic inches	1	cubic foot
27 cubic feet	1	cubic yard
128 " "	1	cord
40 " "	1	ton
2150.42 cubic inches	1	standard bushel
268.8 " "	1	" gallon
1 cubic foot	½	of a bushel
40 cubic feet of round timber	1	ton
42 " " shipping	1	"
50 " " hewn	1	"

Miscellaneous Tables.

DRY MEASURE.	LONG MEASURE—DISTANCE.
<p>2 pints make I quart 8 quarts “ I peck 4 pecks “ I bushel 36 bushels make I chaldron</p>	<p>3 barleycorns. I inch 12 inches I foot 3 feet I yard 5½ yards. I rod 40 rods I furlong 8 furlongs. I mile</p>
CIRCULAR MEASURE.	SURVEYORS' MEASURE.
<p>60 seconds make I minute 60 minutes “ I degree 30 degrees “ I sign 90 “ “ I quadrant 4 quadrants or 360 degrees I circle</p>	<p>7.92 inches. I link 25 links. I rod 4 rods. I chain 10 square chains or 160 square rods, I acre 640 acres I square mile</p>
SQUARE MEASURE.	TIME MEASURE.
<p>144 square inches. I square foot 9 square feet I square yard 30¼ square yards I square rod 40 square rods I rood 4 roods I acre 4840 square yards I “</p>	<p>60 seconds I minute 60 minutes I hour 24 hours I day 7 days I week 4 weeks I lunar month 28, 29, 30 or 31 days. I calendar “ 30 days make I month in computing interest. 52 weeks and 1 day or 12 calendar months make I year. 365 days, 5 hours, 48 minutes and 49 seconds make I solar year.</p>
CLOTH MEASURE.	
<p>2¼ inches. I nail 4 nails I quarter 4 quarters. I yard</p>	

Miscellaneous Tables.

SHIPPING MEASURE.	NAUTICAL MEASURE.
<p>60 pounds make.....I bushel 2218½ cubic inches make.....I “ 8 bushels make.....I quarter 17748 cubic inches make.. ....I “ 1027 cubic feet make.....I “ 4 quarters make.....I ton 1968 pounds make.....I “ 1 ton equals 19 cwt., 2 quarters, 18 pounds</p>	<p>1 hand.....4 inches 1 span.....9 “ 1 fathom.....6 feet 120 fathoms make.....I cable length 5280 feet make.....I mile on land 6139⁷/₁₀₀ feet make.....I nautical mile 3 miles make.....I league 1 degree of the earth equals 69⁷/₁₀₀ statute miles. Curvature of the earth equals 8 inches per statute mile.</p>
TROY WEIGHT.	APOTHECARIES' WEIGHT.
<p>24 grains make.....I pennyweight 20 pennyweights make.....I ounce</p> <p>By this weight gold, silver and jewels are weighed. The ounces and pounds in this are the same as in Apothecaries' weight.</p>	<p>20 grains make.....I scruple 3 scruples “.....I drachm 8 drachms “.....I ounce 12 ounces “.....I pound</p>
AVOIRDUPOIS WEIGHT.	LIQUID OR WINE MEASURE.
<p>437.5 grains make.....I ounce 16 drachms “.....I “ 16 ounces “.....I pound 25 pounds “.....I quarter 4 quarters “.....I hundredweight 2000 pounds “.....I ton</p>	<p>4 gills make.....I pint 2 pints “.....I quart 4 quarts “.....I gallon 31½ gallons make.....I barrel 2 barrels “.....I hogshead</p>

RULE FOR FINDING WEIGHT OF FLAT IRON.

Multiply width by thickness, divide by 3 and multiply by 10. Thus, 2 by $\frac{3}{4}$: 2 multiplied by $\frac{3}{4}$ equals $\frac{6}{4}$, divided by 3 equals $\frac{1}{2}$, multiplied by 10 equals 5, the approximate weight per foot.

Weight of Flat Bar Iron.

PER FOOT.

Size Inches.	POUNDS.					
	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$
1	.21	.42	.63	.84	1.05	1.26
1 $\frac{1}{8}$	.24	.47	.71	.95	1.18	1.42
1 $\frac{1}{4}$	.26	.53	.79	1.05	1.32	1.58
1 $\frac{3}{8}$	.29	.58	.87	1.16	1.45	1.74
1 $\frac{1}{2}$	.32	.63	.95	1.26	1.58	1.90
1 $\frac{5}{8}$	.34	.68	1.03	1.37	1.71	2.05
1 $\frac{3}{4}$	.37	.74	1.11	1.47	1.84	2.21
1 $\frac{7}{8}$	.40	.79	1.18	1.58	1.97	2.37
2	.42	.84	1.26	1.68	2.11	2.53
2 $\frac{1}{8}$	.45	.90	1.34	1.79	2.24	2.68
2 $\frac{1}{4}$	.47	.95	1.42	1.90	2.37	2.84
2 $\frac{3}{8}$	.50	1.	1.50	2.	2.50	3.
2 $\frac{1}{2}$	.53	1.05	1.58	2.11	2.63	3.16
2 $\frac{5}{8}$	.55	1.11	1.66	2.21	2.76	3.32
2 $\frac{3}{4}$	.58	1.16	1.74	2.32	2.89	3.47
2 $\frac{7}{8}$	.61	1.21	1.82	2.42	3.03	3.63
3	.63	1.26	1.90	2.53	3.16	3.79
3 $\frac{1}{4}$	.68	1.37	2.05	2.74	3.42	4.11
3 $\frac{1}{2}$	.74	1.47	2.21	2.95	3.68	4.42
3 $\frac{3}{4}$	.79	1.58	2.37	3.16	3.95	4.74
4	.84	1.68	2.53	3.37	4.21	5.05
4 $\frac{1}{4}$	.90	1.79	2.68	3.58	4.47	5.37
4 $\frac{1}{2}$	.95	1.90	2.84	3.79	4.74	5.68
4 $\frac{3}{4}$	1.	2.	3.	4.	5.	6.
5	1.05	2.11	3.16	4.21	5.26	6.32
5 $\frac{1}{4}$	1.11	2.21	3.32	4.42	5.53	6.63
5 $\frac{1}{2}$	1.16	2.32	3.47	4.63	5.79	6.95
5 $\frac{3}{4}$	1.21	2.42	3.63	4.84	6.05	7.26
6	1.26	2.53	3.79	5.05	6.32	7.58

Weight of Flat Bar Iron.

PER FOOT.

Size Inches.	POUNDS.					
	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	1
1	1.47	1.68	2.11	2.53	2.95	3.37
1 $\frac{1}{8}$	1.66	1.90	2.37	2.84	3.32	3.79
1 $\frac{1}{4}$	1.84	2.11	2.63	3.16	3.68	4.21
1 $\frac{3}{8}$	2.03	2.32	2.89	3.47	4.05	4.63
1 $\frac{1}{2}$	2.21	2.53	3.16	3.79	4.42	5.05
1 $\frac{5}{8}$	2.39	2.74	3.42	4.11	4.79	5.47
1 $\frac{3}{4}$	2.58	2.95	3.68	4.42	5.16	5.89
1 $\frac{7}{8}$	2.76	3.16	3.95	4.74	5.53	6.32
2	2.95	3.37	4.21	5.05	5.89	6.74
2 $\frac{1}{8}$	3.13	3.58	4.47	5.37	6.26	7.16
2 $\frac{1}{4}$	3.32	3.79	4.74	5.68	6.83	7.58
2 $\frac{3}{8}$	3.50	4.	5.	6.	7.	8.
2 $\frac{1}{2}$	3.68	4.21	5.26	6.32	7.37	8.42
2 $\frac{5}{8}$	3.87	4.42	5.53	6.63	7.74	8.84
2 $\frac{3}{4}$	4.05	4.62	5.79	6.95	8.10	9.26
2 $\frac{7}{8}$	4.24	4.84	6.05	7.26	8.47	9.68
3	4.42	5.05	6.32	7.58	8.84	10.10
3 $\frac{1}{4}$	4.79	5.47	6.84	8.21	9.58	10.95
3 $\frac{1}{2}$	5.16	5.89	7.37	8.84	10.32	11.79
3 $\frac{3}{4}$	5.53	6.32	7.89	9.47	11.05	12.63
4	5.89	6.74	8.42	10.10	11.79	13.47
4 $\frac{1}{4}$	6.26	7.16	8.95	10.74	12.53	14.31
4 $\frac{1}{2}$	6.63	7.58	9.47	11.38	13.26	15.16
4 $\frac{3}{4}$	7.	8.	10.	12.	14.	16.
5	7.37	8.42	10.53	12.63	14.74	16.84
5 $\frac{1}{4}$	7.74	8.84	11.05	13.26	15.47	17.68
5 $\frac{1}{2}$	8.10	9.26	11.58	13.89	16.21	18.52
5 $\frac{3}{4}$	8.47	9.68	12.10	14.53	16.95	19.37
6	8.84	10.10	12.63	25.16	17.68	20.21

Cut Spikes.

AVERAGE NUMBER PER POUND.

Inches.....	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6
Number per pound.....	12	10	8	6	4

RULE FOR FINDING WEIGHT OF SQUARE BAR IRON.

Square the diameter, divide by 3, and multiply by 10. Thus for 2 inch square: The square of 2 is 4, divided by 3 is $1\frac{1}{3}$, multiplied by 10 equals $13\frac{1}{3}$, the approximate weight per foot.

For steel, multiply tabular number below (for size) by 1.01.

Weight of Square Bar Iron.

PER FOOT.

Size in Inches.	Weight per Foot.	Size in Inches.	Weight per Foot.	Size in Inches.	Weight per Foot.	Size in Inches.	Weight per Foot.
$\frac{1}{16}$	.0131	$1\frac{1}{16}$	3.80	$2\frac{1}{8}$	15.15	$4\frac{1}{8}$	57.20
$\frac{1}{8}$	.0525	$1\frac{1}{8}$	4.25	$2\frac{1}{4}$	17.	$4\frac{1}{4}$	60.75
$\frac{3}{16}$	.1182	$1\frac{3}{16}$	4.75	$2\frac{3}{8}$	18.5	$4\frac{3}{8}$	64.35
$\frac{1}{4}$	.2103	$1\frac{1}{4}$	5.25	$2\frac{1}{2}$	20.5	$4\frac{1}{2}$	68.1
$\frac{5}{16}$	.327	$1\frac{5}{16}$	5.78	$2\frac{5}{8}$	23.1	$4\frac{5}{8}$	72.
$\frac{3}{8}$	.4735	$1\frac{3}{8}$	6.35	$2\frac{3}{4}$	25.2	$4\frac{3}{4}$	75.65
$\frac{7}{16}$	.6445	$1\frac{7}{16}$	6.95	$2\frac{7}{8}$	27.5	$4\frac{7}{8}$	79.80
$\frac{1}{2}$	.84	$1\frac{1}{2}$	7.55	3	30.05	5	83.8
$\frac{9}{16}$	1.063	$1\frac{9}{16}$	8.2	$3\frac{1}{8}$	32.75	$5\frac{1}{8}$	88.25
$\frac{5}{8}$	1.314	$1\frac{5}{8}$	8.85	$3\frac{1}{4}$	35.5	$5\frac{1}{4}$	92.5
$1\frac{1}{16}$	1.59	$1\frac{11}{16}$	9.57	$3\frac{3}{8}$	38.25	$5\frac{3}{8}$	97.15
$\frac{3}{4}$	1.891	$1\frac{3}{4}$	10.30	$3\frac{1}{2}$	41.15	$5\frac{1}{2}$	101.
$1\frac{1}{16}$	2.221	$1\frac{13}{16}$	11.05	$3\frac{5}{8}$	44.15	$5\frac{5}{8}$	105.8
$\frac{7}{8}$	2.575	$1\frac{7}{8}$	11.83	$3\frac{3}{4}$	47.20	$5\frac{3}{4}$	110.5
$1\frac{1}{8}$	2.95	$1\frac{15}{16}$	12.62	$3\frac{7}{8}$	50.25	$5\frac{7}{8}$	115.15
1	3.35	2	13.4	4	53.75	6	120.25

RULE FOR FINDING WEIGHT OF ROUND BAR IRON.

Take number of $\frac{1}{4}$ inches in diameter, square it and divide by 6. Thus for 3 inch round, 3 inches equals $\frac{12}{4}$, the square of 12 is 144, divide by 6 equals 24, the approximate weight per foot.

For steel, multiply tabular number below (for size) by 1.01.

Weight of Round Bar Iron.

PER FOOT.

Size in Inches.	Weight per Foot.	Size in Inches.	Weight per Foot.	Size in Inches.	Weight per Foot.	Size in Inches.	Weight per Foot.
$\frac{1}{16}$	.01	$1\frac{1}{16}$	2.975	$2\frac{1}{8}$	11.9	$4\frac{1}{8}$	44.85
$\frac{1}{8}$	.0411	$1\frac{1}{8}$	3.338	$2\frac{1}{4}$	13.3	$4\frac{1}{4}$	47.54
$\frac{3}{16}$	.0925	$1\frac{3}{16}$	3.725	$2\frac{3}{8}$	14.75	$4\frac{3}{8}$	50.33
$\frac{1}{4}$	.1651	$1\frac{1}{4}$	4.12	$2\frac{1}{2}$	16.41	$4\frac{1}{2}$	53.32
$\frac{5}{16}$	.2573	$1\frac{5}{16}$	4.545	$2\frac{5}{8}$	18.11	$4\frac{5}{8}$	56.34
$\frac{3}{8}$	.371	$1\frac{3}{8}$	5.	$2\frac{3}{4}$	19.85	$4\frac{3}{4}$	59.44
$\frac{7}{16}$	.505	$1\frac{7}{16}$	5.455	$2\frac{7}{8}$	21.5	$4\frac{7}{8}$	62.62
$\frac{1}{2}$	.657	$1\frac{1}{2}$	5.945	3	23.7	5	65.88
$\frac{9}{16}$	.835	$1\frac{9}{16}$	6.445	$3\frac{1}{8}$	25.55	$5\frac{1}{8}$	69.23
$\frac{5}{8}$	1.031	$1\frac{5}{8}$	6.975	$3\frac{1}{4}$	27.81	$5\frac{1}{4}$	72.65
$1\frac{1}{16}$	1.255	$1\frac{11}{16}$	7.52	$3\frac{3}{8}$	29.85	$5\frac{3}{8}$	76.18
$\frac{3}{4}$	1.475	$1\frac{3}{4}$	8.05	$3\frac{1}{2}$	32.25	$5\frac{1}{2}$	79.75
$1\frac{1}{8}$	1.74	$1\frac{13}{16}$	8.65	$3\frac{5}{8}$	34.45	$5\frac{5}{8}$	83.45
$\frac{7}{8}$	2.015	$1\frac{7}{8}$	9.25	$3\frac{3}{4}$	37.1	$5\frac{3}{4}$	87.20
$1\frac{5}{16}$	2.317	$1\frac{15}{16}$	9.9	$3\frac{7}{8}$	39.5	$5\frac{7}{8}$	91.05
1	2.625	2	10.55	4	41.95	6	95.

Weight of Bar Steel.

PER FOOT.

ROUND.

Size in Inches.	Weight per Foot.	Size in Inches.	Weight per Foot.	Size in Inches.	Weight per Foot.	Size in Inches.	Weight per Foot.	Size in Inches.	Weight per Foot.
$\frac{1}{4}$	.166	$1\frac{1}{8}$	3.38	2	10.68	$2\frac{7}{8}$	22.	$3\frac{3}{4}$	37.54
$\frac{3}{8}$	.375	$1\frac{1}{4}$	4.17	$2\frac{1}{8}$	12.04	3	24.03	4	42.72
$\frac{1}{2}$	.667	$1\frac{3}{8}$	5.05	$2\frac{1}{4}$	13.51	$3\frac{1}{8}$	26.12	$4\frac{1}{4}$	48.22
$\frac{5}{8}$	1.04	$1\frac{1}{2}$	6.	$2\frac{3}{8}$	15.05	$3\frac{1}{4}$	28.20	$4\frac{1}{2}$	54.06
$\frac{3}{4}$	1.50	$1\frac{5}{8}$	7.05	$2\frac{1}{2}$	16.68	$3\frac{3}{8}$	30.45	5	66.75
$\frac{7}{8}$	2.05	$1\frac{3}{4}$	8.17	$2\frac{5}{8}$	18.43	$3\frac{1}{2}$	32.70		
1	2.67	$1\frac{7}{8}$	9.38	$2\frac{3}{4}$	20.19	$3\frac{5}{8}$	35.12		

SQUARE.

Size in Inches.	Weight per Foot.	Size in Inches.	Weight per Foot.	Size in Inches.	Weight per Foot.	Size in Inches.	Weight per Foot.	Size in Inches.	Weight per Foot.
$\frac{1}{4}$	.213	$1\frac{1}{8}$	4.34	2	13.63	$2\frac{7}{8}$	27.74	$3\frac{3}{4}$	46.70
$\frac{3}{8}$	.470	$1\frac{1}{4}$	5.32	$2\frac{1}{8}$	15.35	3	30.60	4	54.40
$\frac{1}{2}$	.855	$1\frac{3}{8}$	6.44	$2\frac{1}{4}$	17.20	$3\frac{1}{8}$	33.18	$4\frac{1}{4}$	61.40
$\frac{5}{8}$	1.33	$1\frac{1}{2}$	7.67	$2\frac{3}{8}$	19.17	$3\frac{1}{4}$	35.90	$4\frac{1}{2}$	68.85
$\frac{3}{4}$	1.91	$1\frac{5}{8}$	9.	$2\frac{1}{2}$	21.20	$3\frac{3}{8}$	38.78	5	85.
$\frac{7}{8}$	2.61	$1\frac{3}{4}$	10.44	$2\frac{5}{8}$	23.30	$3\frac{1}{2}$	41.65		
1	3.40	$1\frac{7}{8}$	11.98	$2\frac{3}{4}$	25.70	$3\frac{5}{8}$	44.17		

OCTAGON.

Size in Inches.	Weight per Foot.	Size in Inches.	Weight per Foot.	Size in Inches.	Weight per Foot.	Size in Inches.	Weight per Foot.	Size in Inches.	Weight per Foot.
$\frac{1}{2}$	.84	$1\frac{1}{8}$	3.66	$1\frac{5}{8}$	7.75	$2\frac{1}{8}$	13.14	$2\frac{5}{8}$	19.50
$\frac{5}{8}$	1.23	$1\frac{1}{4}$	4.55	$1\frac{3}{4}$	9.20	$2\frac{1}{4}$	14.75	$2\frac{3}{4}$	21.25
$\frac{3}{4}$	1.75	$1\frac{3}{8}$	5.50	$1\frac{7}{8}$	10.04	$2\frac{3}{8}$	16.	$2\frac{7}{8}$	22.69
$\frac{7}{8}$	2.25	$1\frac{1}{2}$	6.45	2	11.60	$2\frac{1}{2}$	17.85	3	25.
1	2.75								

Weight of Angle Irons.

PER FOOT.

Size Inches.	POUNDS.												
	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$
6 x 6	.....	.....	.....	.....	.....	.....	19.2	21.7	24.2	26.7	29.2	31.7	34.2
4 x 4	.....	.....	.....	.....	9.5	11.2	12.9	14.5	16.2	17.9	19.5		
3½ x 3½	.....	.....	.....	.....	8.3	9.7	11.2	12.7	14.1	15.6	17.		
3¼ x 3¼	.....	.....	.....	.....	7.7	9.	10.4	11.7	13.1	14.4	15.8		
3 x 3	.....	.....	.....	5.9	7.2	8.4	9.7	10.9	12.2				
2¾ x 2¾	.....	.....	.....	5.4	6.5	7.7	8.8						
2¼ x 2¼	.....	.....	3.5	4.5	5.4	6.4	7.3						
2 x 2	.....	.....	3.1	4.	4.8	5.6							
1¾ x 1¾	.....	2.1	2.8	3.5	4.3	5.							
1½ x 1½	.....	1.8	2.4	3.	3.6								
1¼ x 1¼	1.	1.5	2.										
1⅓ x 1⅓	.9	1.4	1.8										
1 x 1	.8	1.2	1.6										
¾ x ¾	.6	.9											

Copper Bell Rivets and Burs.

NUMBER IN ONE POUND.

Length Inches.	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1⅓	1¼	1½	Burs.
No. 7	272	250	228	180	164	160	148	121	116	100	84	80	69	345
" 8	276	248	208	200	178	172	152	136	130	104	96	.....	.....	390
" 9	340	280	272	248	228	220	184	176	156	136	.....	.....	.....	610
" 10	544	448	384	340	304	300	272	238	204	.....	.....	.....	.....	716
" 12	588	512	452	404	364	334	304	272	.....	.....	.....	.....	.....	985



Boat Spikes.

Name.	Size Inch.	No. per Pound.	Name.	Size Inch.	No. per Pound.
Number 4.....	1¼	13	Number 6.....	¾	5
“ 5.....	5/16	8	“ 7.....	⅝	4

Compressed Buck Shot and Balls.

No.	Diameter Inches.	No. of Balls to the Lb.	No.	Diameter Inches.	No. of Balls to the Lb.	No.	Diameter Inches.	No. of Balls to the Lb.
3	25/100	288	0	32/100	140	Balls.	38/100	85
2	27/100	225	00	34/100	113	Balls.	44/100	50
1	30/100	172	000	36/100	100			

Patent Finished Drop Shot.

No.	Diameter Inches.	No. of Shot to the Oz.	No.	Diameter Inches.	No. of Shot to the Oz.	No.	Diameter Inches.	No. of Shot to the Oz.
12	5/100	2326	7	10/100	291	2	15/100	86
11	6/100	1346	6	11/100	218	1	16/100	71
10	7/100	848	5	12/100	168	B.	17/100	59
9	8/100	568	4	13/100	132	B.B.	18/100	50
8	9/100	399	3	14/100	106	B.B.B.	19/100	42

Weight of Lead Pipe.

PER FOOT.

Inside Diameter Inches	A. Strong.		B. Medium.		C. Light.		Inside Diameter Inches.	A. Strong.		B. Medium.		C. Light.	
	Lbs.	Oz.	Lbs.	Oz.	Lbs.	Oz.		Lbs.	Oz.	Lbs.	Oz.	Lbs.	Oz.
½	1	12	1	4	1	0	1	4	0	3	4	2	8
⅝	2	8	2	0	1	12	1¼	4	12	3	12	3	0
¾	3	0	2	4	2	0							

Railroad Spikes.

Length Inches.	Thick- ness Inches.	No. in 100 Lbs.	Length Inches.	Thick- ness Inches.	No. in 100 Lbs.	Length Inches.	Thick- ness Inches.	No. in 100 Lbs.
4½	⅜	351	5	⅜	197	5½	⅝	146
4½	½	267	5	⅝	172	6	½	207
5	⅝	473	5½	½	237	6	⅞	175
5	⅞	326	5½	⅞	193	6	⅝	131
5	½	260						

Ship Spikes.

AVERAGE NUMBER PER 100 POUNDS.

Length Inches.	Thick- ness Inches.	No. in 100 Lbs.	Length Inches.	Thick- ness Inches.	No. in 100 Lbs.	Length Inches.	Thick- ness Inches.	No. in 100 Lbs.
3	¼	1500	4½	⅝	710	7	⅞	297
3½	¼	1260	5	⅝	620	8	⅞	256
4	¼	1100	6	⅝	580	9	⅞	200
4½	¼	976	5	⅝	495	7	½	204
5	¼	920	6	⅝	380	8	½	171
3½	⅝	805	7	⅝	322	9	½	160
4	⅝	757	8	⅝	304	10	½	148

Ship Spikes.

Name.	Size Inch.	No. per Pound.	Name.	Size Inch.	No. per Pound.
Number 4.....	⅝	8	Number 8.....	⅝	3
“ 5.....	⅝	6	“ 9.....	⅞	2
“ 6.....	⅝	5	“ 10.....	⅞	1½
“ 7.....	⅝	3½			

Hook Spikes.

Hook Spikes for railroad iron, usually used, are 5½ in. long by ⅞ in. 190 spikes weigh 100 pounds, averaging 5000 spikes to the one (1) mile of single track.

Nails.

CLINCH.

Length, Inches.....	2	2¼	2½	2¾	3
Number in Pound.....	152	133	92	72	60

FINISHING.

Size, Penny.....	4	5	6	8	10
Number in Pound.....	384	256	204	102	80

Nails.

Name.	Size Inches.	No. Per Pound.	Name.	Size Inches.	No per. Pound.
3 penny fine.....	1½	760	16 penny	3½	32
3 "	1¼	480	20 "	4	24
4 "	1½	300	30 "	4¼	18
5 "	1¾	200	40 "	5	14
6 "	2	160	50 "	5½	12
7 "	2¼	128	60 "	6	10
8 "	2½	92	6 " fence....	2	80
9 "	2¾	72	8 " "	2½	50
10 "	3	60	10 " "	3	34
12 "	3¼	44	12 " "	3	29

Tacks.

Name.	Length Inches.	No. per Pound.	Name.	Length Inches.	No. per Pound.
1 ounce.....	½	16000	10 ounce.....	11/16	1600
1½ "	3/16	10666	12 "	¾	1333
2 "	¼	8000	14 "	13/16	1143
2½ "	5/16	6400	16 "	7/8	1000
3 "	¾	5333	18 "	15/16	888
4 "	7/16	4000	20 "	1	800
6 "	9/16	2666	22 "	1 1/16	727
8 "	5/8	2000	24 "	1 ¼	666

Weight of Sheet and Plate Iron.

Thickness by Birmingham Wire Gauge and Inches.

PER SQUARE FOOT.

Thickness.		Weight Lbs.	Thickness.		Weight Lbs.	Thickness.		Weight Lbs.
Gauge.	Inches.		Gauge.	Inches.		Gauge.	Inches.	
36	.004	.162	18	.049	1.975	5	.22	8.912
35	.005	.202	17	.058	2.35	4	.238	9.62
34	.007	.283	16	.065	2.637	..	$\frac{1}{4}$ or .25	10.09
33	.008	.322	..	$\frac{1}{16}$ or .0625	2.518	3	.259	10.37
32	.009	.364	15	.072	2.92	..	$\frac{9}{32}$ or .2812	11.38
31	.010	.405	14	.083	3.35	2	.284	11.525
30	.012	.485	..	$\frac{3}{32}$ or .0937	3.78	1	.3	12.15
29	.013	.526	13	.095	3.85	..	$\frac{5}{16}$ or .3125	12.58
28	.014	.595	12	.109	4.4	0	.340	13.715
27	.016	.676	11	.120	4.88	..	$\frac{11}{32}$ or .3437	13.875
26	.018	.755	..	$\frac{1}{8}$ or .125	5.054	..	$\frac{3}{8}$ or .375	15.10
25	.020	.811	10	.134	5.426	00	.380	15.26
24	.022	.912	9	.148	5.98	..	$\frac{13}{32}$ or .4062	16.34
23	.025	1.018	..	$\frac{5}{32}$ or .1562	6.305	000	.425	17.025
22	.028	1.137	8	.165	6.605	..	$\frac{7}{16}$ or .4375	17.65
..	$\frac{1}{32}$ or .0313	1.259	7	.180	7.27	0000	.454	18.30
21	.032	1.31	..	$\frac{3}{16}$ or .1875	7.578	..	$\frac{15}{32}$ or .4687	18.90
20	.035	1.416	6	.203	8.005	00000	$\frac{1}{2}$ or .50	20.20
19	.042	1.695	..	$\frac{7}{32}$ or .2187	8.79			

Galvanizing of sheet iron adds about $\frac{1}{3}$ of a pound per square foot to the weight.

Russia Sheet Iron.

AVERAGE WEIGHT PER BUNDLE ABOUT 240 LBS.

No.	Size Inches.	Weight per Sheet.	Wire Gauge.	No.	Size Inches.	Weight per Sheet.	Wire Gauge.
7		6 $\frac{1}{4}$ lbs.	No. 29	12		10 $\frac{3}{4}$ lbs.	No. 24 $\frac{1}{2}$
8		7 $\frac{1}{4}$ "	" 28	13		11 $\frac{3}{4}$ "	" 24
9	28 x 56	8 "	" 27	14	28 x 56	12 $\frac{1}{2}$ "	" 23 $\frac{1}{2}$
10		9 "	" 26	15		13 $\frac{1}{2}$ "	" 22 $\frac{3}{8}$
11		10 "	" 25	16		14 $\frac{1}{2}$ "	" 21 $\frac{1}{2}$

Weight of Bar Copper.

ROUND.

Diameter in Inches.	Pounds per Foot.	Diameter in Inches.	Pounds per Foot.	Diameter in Inches.	Pounds per Foot.	Diameter in Inches.	Pounds per Foot.
$\frac{1}{16}$	.011	$\frac{3}{8}$	.424	$1\frac{1}{16}$	1.42	1	3.01
$\frac{1}{8}$	.046	$\frac{7}{16}$	.575	$\frac{3}{4}$	1.7	$1\frac{1}{16}$	3.41
$\frac{3}{16}$	.105	$\frac{1}{2}$	.75	$1\frac{3}{16}$	2.	$1\frac{1}{8}$	3.85
$\frac{1}{4}$	.187	$\frac{9}{16}$	.95	$\frac{7}{8}$	2.3	$1\frac{3}{16}$	4.29
$\frac{5}{16}$	.295	$\frac{5}{8}$	1.17	$1\frac{5}{16}$	2.64	$1\frac{1}{4}$	4.73

Weight of Bar Brass.

ROUND.

Diameter in Inches.	Pounds per Foot.	Diameter in Inches.	Pounds per Foot.	Diameter in Inches.	Pounds per Foot.	Diameter in Inches.	Pounds per Foot.
$\frac{1}{16}$	.011	$\frac{3}{8}$	.395	$1\frac{1}{16}$	1.35	1	2.85
$\frac{1}{8}$	.045	$\frac{7}{16}$	.54	$\frac{3}{4}$	1.6	$1\frac{1}{16}$	3.20
$\frac{1}{4}$	.1	$\frac{1}{2}$	.71	$1\frac{3}{16}$	1.85	$1\frac{1}{8}$	3.57
$\frac{5}{16}$	.175	$\frac{9}{16}$	.9	$\frac{7}{8}$	2.15	$1\frac{3}{16}$	3.97
$\frac{3}{8}$	.275	$\frac{5}{8}$	1.1	$1\frac{5}{16}$	2.48	$1\frac{1}{4}$	4.41

Yards of Iron Wire to the Bundle.

OF 63 POUNDS.

Gauge.	Yards.	Gauge.	Yards.	Gauge.	Yards.
No. 0	71	No. 7	239	No. 14	1142
" 1	94	" 8	286	" 15	1468
" 2	105	" 9	342	" 16	1954
" 3	121	" 10	420	" 17	2540
" 4	143	" 11	529	" 18	3150
" 5	170	" 12	700	" 19	4085
" 6	203	" 13	893	" 20	4912

Weight of Sheet Copper.

Thickness by Birmingham Wire Gauge.

PER SHEET.

Gauge.	Size of Sheet.	Lbs.	Size of Sheet.	Lbs.	Size of Sheet.	Lbs.	Size of Sheet.	Lbs.	Size of Sheet.	Lbs.
1	14 x 48		24 x 48	116	30 x 60	181	36 x 72	261	48 x 72	348
2				111		174		250		334
3				102		159		230		306
4				93		145		209		278
5				81		126		182		242
6				75		118		169		226
7				70		109		157		209
8				63		99		142		190
9				58		90		130		173
10				48		81		117		156
11	14 x 48		24 x 48	46	30 x 60	73	36 x 72	104	48 x 72	139
12				41		64		91		122
13				35		54		78		104
14				29		45		65		86
15				26		41		59		78
16				23		36		52		70
17				20		32		45		60
18				18		27		39		52
19				16		24		35		47
20				14		22		32		43
21	14 x 48		24 x 48	13	30 x 60	20	36 x 72	29	48 x 72	39
22		6½		12		18		26		35
23		5¾		10		16		23		31
24		5¼		9		15		21		28
25		4¾		8		12½		19		25
26		4		7		11		15		21
27		3½		6		9¾		13		18
28		3		5		7		11		15

Strength and Weight of Chains.

CHAINS.

Diameter in Inches.	Weight per Fathom Pounds.	Proof Strain in Cwt.	Diameter in Inches.	Weight per Fathom Pounds.	Proof Strain in Cwt.
$\frac{5}{16}$	5½	25½	$\frac{7}{8}$	43	200
$\frac{3}{8}$	8	26¾	1	56	268
$\frac{1}{2}$	14	65½	1½	71	335
$\frac{5}{8}$	22	102	1¾	87	408
$\frac{3}{4}$	32	147	1¾	106	498

CHAIN CABLES.

Diameter. in Inches.	Weight per Fathom Pounds.	Proof Strain in Cwt.	Diameter in Inches.	Weight per Fathom Pounds.	Proof Strain in Cwt.
$\frac{1}{2}$	13¾	80	1½	68	520
$\frac{5}{8}$	22	120	1¾	84	640
$\frac{3}{4}$	30	200	1¾	102	760
$\frac{7}{8}$	42	260	1½	120	880
1	55	360	1¾	148	1200

Strength and Weight of Coil Chains.

SHORT LINK.

Size in Inches.	Weight per Foot.	Breaking Strain Pounds.	Size in Inches.	Weight per Foot.	Breaking Strain Pounds.
$\frac{3}{16}$	.50	1.731	$\frac{5}{8}$	4.20	19.219
$\frac{1}{4}$	.90	3.069	$1\frac{1}{16}$	5.	23.274
$\frac{5}{16}$	1.22	4.794	$\frac{3}{4}$	5.90	27.687
$\frac{3}{8}$	1.66	6.922	$1\frac{3}{16}$	6.66	32.301
$\frac{7}{16}$	2.10	9.408	$\frac{7}{8}$	8.33	37.632
$\frac{1}{2}$	2.69	12.320	$1\frac{5}{16}$	9.50	43.277
$\frac{9}{16}$	3.33	15.590	1	10.80	49.280

Weight of Wire.

Thickness by Birmingham Wire Gauge.

PER 100 FEET.

No. of Gauge.	Iron.	Steel.	Copper.	Brass.	No. of Gauge.	Iron.	Steel.	Copper.	Brass.
0000	54.62	55.13	62.39	58.93	17	.8915	.9	1.018	.9618
000	47.86	48.32	54.67	51.64	18	.6363	.6423	.7268	.6864
00	38.27	38.63	43.71	41.28	19	.4675	.472	.534	.5043
0	30.63	30.92	34.99	33.05	20	.3246	.3277	.3709	.3502
1	23.85	24.07	27.24	25.73	21	.2714	.274	.31	.2929
2	21.37	21.57	24.41	23.06	22	.2079	.2098	.2373	.2241
3	17.78	17.94	20.3	19.18	23	.1656	.1672	.1892	.1788
4	15.01	15.15	17.15	16.19	24	.1283	.1296	.1465	.1384
5	12.82	12.95	14.65	13.84	25	.106	.107	.1211	.1144
6	10.92	11.02	12.47	11.78	26	.0859	.0867	.0981	.0926
7	8.586	8.667	9.807	9.263	27	.0678	.0685	.0775	.0732
8	7.214	7.283	8.241	7.783	28	.0519	.0524	.0593	.056
9	5.805	5.859	6.63	6.262	29	.0448	.0452	.0511	.0483
10	4.758	4.803	5.435	5.133	30	.0382	.0385	.0436	.0412
11	3.816	3.852	4.359	4.117	31	.0265	.0267	.0303	.0286
12	3.148	3.178	3.596	3.397	32	.0215	.0217	.0245	.0231
13	2.392	2.414	2.732	2.58	33	.017	.0171	.0194	.0183
14	1.826	1.843	2.085	1.969	34	.013	.0131	.0148	.014
15	1.374	1.387	1.569	1.482	35	.0066	.0067	.0076	.0071
16	1.119	1.13	1.279	1.208	36	.0042	.0043	.0048	.0046

Average Weight of Springs and Axles.

END SPRINGS.—Per Pair.				SIDE SPRINGS.—Per Pair.	
Inches.	Pounds.	Inches.	Pounds.	Inches.	Pounds.
1¼ x 3 x 35	29	1¾ x 5 x 36	64	1½ x 4 x 56	37
1¼ x 4 x 36	36	1¾ x 6 x 36	75	1½ x 5 x 56	44
1½ x 3 x 36	39	2 x 5 x 36	72	1¾ x 4 x 56	47
1½ x 4 x 35	43	2 x 6 x 36	83	1¾ x 5 x 56	55
1½ x 5 x 36	52			2 x 5 x 56	60
1¾ x 4 x 36	51			2 x 6 x 56	66
AXLES.—PER SET.					
Inches.	Pounds.	Inches.	Pounds.	Inches.	Pounds.
1 x 6	30	1¾ x 8	100	2¼ x 11	240
1½ x 6½	38	1¾ x 9	120	2½ x 12	300
1¾ x 7	56	1¾ x 9½	150	3 x 13	475
1¾ x 7½	65	2 x 10½	185	3¼ x 15	600
1½ x 7½	88	2½ x 11	205	3½ x 15	700

Weight of 100 feet of Different Numbers of Iron, Brass, and Copper Wire.

Number.	Iron Pounds.	Brass Pounds.	Copper Pounds.	Number.	Iron Pounds.	Brass Pounds.	Copper Pounds.
1	25.92	28.64	29.61	9	6.60	7.21	7.59
2	22.58	24.95	25.79	10	4.96	5.42	5.71
3	19.46	21.51	22.23	16	1.05	1.14	1.20
4	16.58	18.33	18.94	20	.32	.34	.37
5	13.94	15.40	15.92	25	.11	.12	.13
6	11.52	12.73	13.15	30	.38	.41	.43
7	9.33	10.31	10.65	36	.042	.046	.049
8	7.29	7.96	8.38				

To convert the decimals of a pound into ounces, multiply by 16.

Thickness of Boiler Iron.

No. 1 Iron	.....	5/16 inch thick
" 3 "	.....	3/32 inch scant "
" 4 "	.....	1/4 inch "
" 5 "	.....	7/32 " "
" 7 "	.....	3/1 " "

Weight of Boiler Iron.

1/8 inch Iron	.....	weighs 5 pounds per square foot
3/16 " "	.....	7 1/2 " " " "
1/4 " "	.....	10 " " " "
5/16 " "	.....	12 1/2 " " " "
3/8 " "	.....	15 " " " "
7/16 " "	.....	17 1/2 " " " "
1/2 " "	.....	20 " " " "

Sheet Copper.

UNIT OF SIZE EQUALS 4 FT. BY 2 FT.

70 pound plate	.....	1/16 inch thick
46 1/2 " "	.....	1/8 " "
23 " "	.....	1/16 " "
11 1/2 " "	.....	1/32 " "
6 " "	.....	1/64 " "

Boiler Rivets

WEIGHT PER 100.

Length Under Head.	DIAMETER.						
	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
1	1.895	4.848	9.660	16.79	26.49	39.3	55.2
1 $\frac{1}{8}$	2.067	5.235	10.34	17.86	27.99	41.4	57.9
1 $\frac{1}{4}$	2.238	5.616	11.04	18.96	29.61	43.5	60.7
1 $\frac{3}{8}$	2.410	6.003	11.73	20.03	31.13	45.6	63.4
1 $\frac{1}{2}$	2.582	6.402	12.43	21.04	32.74	47.8	66.2
1 $\frac{5}{8}$	2.754	6.789	13.12	22.11	34.25	49.9	68.9
1 $\frac{3}{4}$	2.926	7.179	13.81	23.21	35.86	52.	71.7
1 $\frac{7}{8}$	3.098	7.566	14.50	24.28	37.37	54.1	74.4
2	3.269	7.956	15.19	25.48	38.99	56.3	77.2
2 $\frac{1}{8}$	3.441	8.343	15.88	26.56	40.40	58.4	79.9
2 $\frac{1}{4}$	3.613	8.733	16.57	27.65	42.11	60.5	82.7
2 $\frac{3}{8}$	3.785	9.120	17.26	28.73	43.67	62.6	85.4
2 $\frac{1}{2}$	3.957	9.511	17.95	29.82	45.24	64.8	88.2
2 $\frac{5}{8}$	4.129	9.898	18.64	30.90	46.80	66.9	90.9
2 $\frac{3}{4}$	4.301	10.29	19.33	31.99	48.36	69.	93.7
2 $\frac{7}{8}$	4.473	10.67	20.02	33.08	49.92	71.1	96.4
3	4.644	11.06	20.71	34.18	51.49	73.3	99.2
3 $\frac{1}{8}$	4.816	11.44	21.40	35.27	53.05	75.4	101.9
3 $\frac{1}{4}$	4.988	11.84	22.09	36.35	54.61	77.5	104.7
3 $\frac{3}{8}$	5.160	12.23	22.78	37.44	56.17	79.6	107.4
3 $\frac{1}{2}$	5.332	12.62	23.48	38.52	57.74	81.8	110.2
3 $\frac{5}{8}$	5.504	13.01	24.17	39.60	59.30	83.9	112.9
3 $\frac{3}{4}$	5.676	13.39	24.86	40.69	60.86	86.	116.7
3 $\frac{7}{8}$	5.848	13.78	25.55	41.78	62.42	88.1	119.4
4	6.019	14.17	26.24	42.87	63.99	90.3	121.2
4 $\frac{1}{8}$	6.191	14.56	26.93	43.94	65.55	92.4	123.9
4 $\frac{1}{4}$	6.363	14.95	27.62	45.01	67.11	94.5	126.6

Weight and Strength of Wire Ropes.

Showing Approximately the Comparative Strength, Size and Weight per 100 Feet in Length of Iron Wire Rope, Steel Wire Rope, Hemp Rope, and Chain.

THE SIZES ON EACH HORIZONTAL LINE ARE OF EQUAL STRENGTH.

Capacity of Ropes and Chains.		Round Charcoal Iron Wire Rope.		Round Crucible Steel Wire Rope.		Round Hemp Rope.		Flat Charcoal Wire Rope.		Flat Crucible Steel Wire Rope.		Iron Chain.	
Working Loads Pounds.	Breaking Strength Tons.	Circumference in Inches.	Weight Per 100 Feet.	Circumference in Inches.	Weight Per 100 Feet.	Circumference in Inches.	Weight Per 100 Feet.	Size in Inches Width Thickness.	Weight Per 100 Feet.	Size in Inches Width Thickness.	Weight Per 100 Feet.	Diameter of Link.	Weight Per 100 Feet.
300	1	1	17	.....	.....	2 3/4	33	.....	.....	.....	.....	1/4	90
550	1 1/2	1 1/4	23	.....	.....	3	50	.....	.....	.....	.....	5/16	122
800	2 1/2	1 1/2	30	1	17	3 1/4	55	.....	.....	.....	.....	3/8	160
1500	4 1/2	1 3/4	50	1 1/2	30	4 1/4	78	.....	.....	.....	.....	7/16	210
2000	6	2	65	1 5/8	41	5	100	.....	.....	.....	.....	1/2	266
2500	7 1/2	2 1/4	80	1 3/4	50	6	160	.....	.....	.....	.....	9/16	333
3300	10	2 1/2	100	2	65	6 1/2	166	.....	.....	.....	.....	.....	.....
4200	12 1/2	2 3/4	124	2 1/8	75	7	200	2 x 3/8	144	.....	.....	5/8	420
5000	15	3	145	2 1/4	80	7 1/2	234	2 1/4 x 3/8	154	.....	.....	1 1/16	500
6000	18	3 1/4	158	2 3/8	97	7 3/4	250	2 1/2 x 3/8	171	.....	.....	.....	.....
7000	21	3 1/2	180	2 1/2	100	8 1/4	284	3 x 3/8	.....	.....	.....	.....	.....
8000	24	3 3/4	200	3	140	9	333	3 x 1/2	220	2 x 3/8	144	3/4	590
9000	27	4	250	3 1/4	158	10	433	4 x 3/8	275	2 1/2 x 3/8	171	13/16	666
10000	30	4 1/4	284	3 1/2	190	10 1/2	466	4 x 1/2	345	2 1/2 x 1/2	210	7/8	833
11000	33	4 1/2	320	3 5/8	195	11	500	4 1/2 x 1/2	395	3 x 3/8	225	1 5/16	950
12000	36	4 3/4	350	3 3/4	200	12	567	5 x 1/2	425	.....	.....	1	1083
13500	40	5	380	3 7/8	225	13	784	5 1/2 x 1/2	465	3 1/2 x 3/8	242	.....	.....
18000	55	5 1/2	440	4	250	14	900	6 x 1/2	510	3 x 1/2	270	1 1/4	1200
22000	65	6	540	4 1/4	280	16	1166	6 1/2 x 1/2	560	4 x 3/8	275	.....	.....
									356	5 x 3/8	356	.....	.....

Drums of pulleys should be 1000 times the size of the wire with which the rope is made, and in all cases the rope must lead fair into the pulley.

Drams of pulleys should be 1000 times the size of the wire with which the rope is made, and in all cases the rope must lead fair into the pulley.

Size and Weight of Rope.

MANILA CORDAGE.					TARRED HEMP.
Circumference in Inches.	Diameter in Inches.	Weight of 100 Fathoms.	Feet in 1 Pound.	Stramborne New Ropes. Pounds.	Weight of 100 Fathoms
.....	$\frac{1}{4}$	18	33	For ropes in use deduct $\frac{1}{3}$ from these figures for chafing.	24
.....	$\frac{5}{16}$	24	25		34
$1\frac{1}{4}$	$\frac{3}{8}$	31	20		40
$1\frac{1}{2}$	$\frac{1}{2}$	44	14		55
$1\frac{3}{4}$	$\frac{9}{16}$	60	10		75
2	$\frac{5}{8}$	79	$7\frac{1}{2}$	3000	100
$2\frac{1}{4}$	$\frac{3}{4}$	99	6	4000	125
$2\frac{1}{2}$	$1\frac{1}{16}$	122	5	5000	155
$2\frac{3}{4}$	$\frac{7}{8}$	146	4	6000	190
3	1	176	$3\frac{3}{8}$	7000	225
$3\frac{1}{4}$	$1\frac{1}{16}$	207	3	8500	265
$3\frac{1}{2}$	$1\frac{1}{8}$	240	$2\frac{1}{2}$	9500	300
$3\frac{3}{4}$	$1\frac{1}{4}$	275	$2\frac{1}{6}$	11000	355
4	$1\frac{5}{16}$	305	2	12500	405
$4\frac{1}{4}$	$1\frac{3}{8}$	355	$1\frac{2}{3}$	14000	455
$4\frac{1}{2}$	$1\frac{1}{2}$	395	$1\frac{1}{2}$	16000	500
5	$1\frac{5}{8}$	490	$1\frac{1}{4}$	20000	630
$5\frac{1}{2}$	$1\frac{3}{4}$	595	1	24000	750
6	2	705	Inches. {	27000	910
$6\frac{1}{2}$	$2\frac{1}{8}$	825		31500	1050
7	$2\frac{1}{4}$	960		37000	1235
$7\frac{1}{2}$	$2\frac{1}{2}$	1100		42500	1400
8	$2\frac{5}{8}$	1255		48500	1600
$8\frac{1}{2}$	$2\frac{3}{4}$	1415		54500	1820
9	3	1585		61500	2050

Manila Rope is about 10% stronger than Sisal.

Lap Welded Iron Boiler Flues.

WEIGHTS AND DIMENSIONS.

Outside Diameter.	Thickness W. G.	Weight per Foot Pounds.	Outside Diameter.	Thickness W. G.	Weight per Foot Pounds.
1¼	14	1.65	3¼	11	4.15
1½	14	1.70	3½	10	5.20
1¾	13	1.85	3¾	10	5.30
2	13	2.10	4	10	5.55
2¼	13	2.30	5	9	7.1
2½	12	2.50	6	8	10.5
2¾	12	3.15	7	8	12.2
3	11	3.60			

Wrought Iron Pipe for Gas, Steam, and Water.

WEIGHTS AND DIMENSIONS.

ONE AND ONE-QUARTER INCH AND LESS, BUTT WELDED.

Inside Diameter Inches.	Actual Outside Diameter Inches.	Weight per Foot.	Inside Diameter Inches.	Actual Outside Diameter Inches.	Weight per Foot
¾	.405	.243	¾	1.05	1.126
¾	.54	.422	1	1.315	1.670
¾	.675	.561	1¼	1.66	2.258
½	.84	.845			

ONE AND ONE-HALF INCH AND OVER, LAP WELDED.

Proved to 300 pounds to the square inch by hydraulic pressure.

Inside Diameter Inches.	Actual Outside Diameter Inches.	Weight per Foot.	Inside Diameter Inches.	Actual Outside Diameter Inches.	Weight per Foot.
1½	1.9	2.694	3	3.5	7.547
2	2.375	3.667	3½	4.	9.055
2½	2.875	5.773	4	4.5	10.728

Pressure of Water per square inch for different heights.—To compute the pressure per square inch of column of water, multiply the head in feet by .434.

Example, 100 ft. head: $100 \times .434 = 43.40$ lbs. pressure per square inch.

Number of Nuts to 100 Pounds.

STANDARD SIZES.

SQUARE.

Size of Bolt.	Diameter of Nut.	Thickness of Nut.	Diameter of Hole.	Number in 100 Pounds.	Size of Bolt.	Diameter of Nut.	Thickness of Nut.	Diameter of Hole.	Number in 100 Pounds.
$\frac{1}{8}$	$1\frac{1}{32}$	$\frac{1}{8}$	$\frac{3}{32}$	30000	$\frac{3}{4}$	$1\frac{1}{4}$	$\frac{3}{4}$	$2\frac{1}{32}$	380
$\frac{3}{16}$	$1\frac{3}{32}$	$\frac{3}{16}$	$\frac{5}{32}$	15000	$\frac{3}{4}$	$1\frac{3}{8}$	$\frac{3}{4}$	$2\frac{1}{32}$	310
$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{7}{32}$	7350	$\frac{7}{8}$	$1\frac{1}{2}$	$\frac{7}{8}$	$4\frac{1}{4}$	235
$\frac{5}{16}$	$\frac{5}{8}$	$\frac{5}{16}$	$\frac{9}{32}$	3550	1	$1\frac{3}{4}$	1	$\frac{7}{8}$	145
$\frac{3}{8}$	$1\frac{1}{16}$	$\frac{3}{8}$	$2\frac{1}{64}$	3100	$1\frac{1}{8}$	2	$1\frac{1}{8}$	1	100
$\frac{3}{8}$	$\frac{3}{4}$	$\frac{3}{8}$	$2\frac{1}{64}$	2150	$1\frac{1}{4}$	$2\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{3}{32}$	70
$\frac{7}{16}$	$\frac{3}{4}$	$\frac{7}{16}$	$\frac{3}{8}$	1850	$1\frac{3}{8}$	$2\frac{3}{4}$	$1\frac{3}{8}$	$1\frac{1}{4}$	47½
$\frac{1}{2}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{7}{16}$	1150	$1\frac{1}{2}$	3	$1\frac{1}{2}$	$1\frac{3}{8}$	35½
$\frac{1}{2}$	1	$\frac{1}{2}$	$\frac{7}{16}$	875	$1\frac{5}{8}$	$3\frac{1}{4}$	$1\frac{5}{8}$	$1\frac{7}{16}$	27½
$\frac{9}{16}$	1	$\frac{9}{16}$	$\frac{1}{2}$	810	$1\frac{3}{4}$	$3\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{9}{16}$	22½
$\frac{5}{8}$	$1\frac{1}{8}$	$\frac{5}{8}$	$\frac{9}{16}$	575	$1\frac{7}{8}$	$3\frac{3}{4}$	$1\frac{7}{8}$	$1\frac{11}{16}$	18½
$\frac{5}{8}$	$1\frac{1}{4}$	$\frac{5}{8}$	$\frac{9}{16}$	450	2	4	2	$1\frac{13}{16}$	15

Number of Washers to 100 Pounds.

STANDARD SIZES.

Diameter.	Size of Hole.	Thickness Wire Gauge.	Size of Bolt.	Number in 100 Pounds.	Diameter.	Size of Hole.	Thickness Wire Gauge.	Size of Bolt.	Number in 100 Pounds.
$\frac{1}{2}$	$\frac{1}{4}$	18	$\frac{3}{16}$	53333	$1\frac{3}{4}$	$1\frac{1}{16}$	10	$\frac{5}{8}$	1650
$\frac{5}{8}$	$\frac{5}{16}$	16	$\frac{1}{4}$	23859	2	$1\frac{3}{16}$	10	$\frac{3}{4}$	1150
$\frac{3}{4}$	$\frac{5}{16}$	16	$\frac{1}{4}$	14666	$2\frac{1}{4}$	$1\frac{5}{16}$	9	$\frac{7}{8}$	850
$\frac{7}{8}$	$\frac{3}{8}$	16	$\frac{5}{16}$	12333	$2\frac{1}{2}$	$1\frac{1}{16}$	9	1	625
1	$\frac{7}{16}$	14	$\frac{3}{8}$	7035	$2\frac{3}{4}$	$1\frac{1}{4}$	9	$1\frac{1}{8}$	475
$1\frac{1}{4}$	$\frac{1}{2}$	14	$\frac{7}{16}$	5000	3	$1\frac{3}{8}$	9	$1\frac{1}{4}$	375
$1\frac{3}{8}$	$\frac{9}{16}$	12	$\frac{1}{2}$	3000	$3\frac{1}{2}$	$1\frac{1}{2}$	9	$1\frac{3}{8}$	300
$1\frac{1}{2}$	$\frac{5}{8}$	12	$\frac{9}{16}$	2570					

GLASS.

50 FEET IN BOX.

SIZE.	16 Oz.	SIZE.	16 Oz.
	Pounds.		Pounds.
Up to 25 united inches.....	63	70 to 80 united inches.....	100
25 to 40 " "	65	80 to 85 " "	105
40 to 50 " "	70	85 to 90 " "	110
50 to 54 " "	72	90 to 95 " "	115
54 to 60 " "	75	95 to 100 " "	120
60 to 70 " "	80		

GLASS.

50 FEET IN BOX.

SIZE.	24 Oz.	SIZE.	24 Oz.
	Pounds.		Pounds.
Up to 25 united inches.....	93	90 to 95 united inches.....	145
25 to 40 " "	95	95 to 100 " "	150
40 to 50 " "	100	100 to 105 " "	160
50 to 54 " "	102	105 to 110 " "	170
54 to 60 " "	105	110 to 115 " "	180
60 to 70 " "	110	115 to 120 " "	190
70 to 80 " "	130	120 to 125 " "	200
80 to 85 " "	135	125 to 130 " "	210
85 to 90 " "	140	130 to 135 " "	220

Sheet Rubber Packing.

WEIGHT PER SQUARE YARD.

Thickness.....	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$
Pounds.....	$2\frac{1}{2}$	5	$7\frac{1}{2}$	10	15	20

GLASS.

NUMBER OF LIGHTS PER BOX OF 50 FEET.

Size.	Lights	Size.	Lights.	Size.	Lights.	Size.	Lights.
6x8	150	12x14	43	14x24	22	20x24	15
7x9	114	12x15	41	15x15	32	20x25	14
8x10	90	12x16	38	15x16	30	20x26	14
8x11	82	12x17	35	15x18	27	20x28	13
8x12	75	12x18	34	15x20	24	21x27	13
9x10	80	12x19	32	15x21	23	22x24	14
9x11	73	12x20	30	15x22	22	22x26	13
9x12	67	12x21	29	15x24	20	22x28	12
9x13	61	12x22	28	16x16	28	24x28	11
9x14	57	12x23	26	16x17	26	24x30	10
9x15	53	12x24	25	16x18	25	24x32	9
9x16	50	13x14	39	16x20	23	25x30	10
10x10	72	13x15	37	16x21	21	26x36	8
10x12	60	13x16	35	16x22	20	28x34	8
10x13	55	13x17	33	16x24	19	30x40	6
10x14	51	13x18	31	17x17	25	31x36	6
10x15	48	13x19	29	17x18	24	31x40	6
10x16	45	13x20	27	17x20	21	31x42	6
10x17	42	13x21	26	17x22	19	32x42	5
10x18	40	13x22	25	17x24	18	32x44	5
11x11	59	13x24	23	18x18	22	33x45	5
11x12	55	14x14	37	18x20	20	34x46	5
11x13	50	14x15	34	18x22	18	30x52	5
11x14	47	14x16	32	18x24	17	32x56	4
11x14	44	14x17	30	19x19	20	36x58	3
11x16	41	14x18	29	19x20	19	38x58	3
11x17	39	14x19	27	19x22	17	40x60	3
11x18	36	14x20	26	19x24	16	40x72	3
12x12	50	14x21	24	20x20	18	44x50	3
12x13	46	14x22	23	20x22	16	44x56	3

NOTE.—American window glass will average 60 to 65 pounds per box, single thickness; or from 95 to 105 pounds per box, double thickness, gross weight. French window glass being packed in heavier cases will average about 70 pounds per box, single thickness; and 120 pounds, double thickness, gross weight.

Wine and Beer Measure.

The Diameters of a Cask at the Head and the Bung, and also the Length, being given, to find its contents in Wine and Beer Measure :

Rule—1st. Multiply the difference of the head and bung diameters by 7, and add the product to the head diameter for a mean diameter.

2d. Multiply the square of the mean diameter by the decimal .7854, which will produce the area.

3d. Multiply the last product by the length.

4th. Divide the product by 231 for Wine gallons, and by 282 for Beer gallons.

Example—

Suppose the head diameter of a cask to be 20 inches and the bung diameter 25 inches, and its length 40 inches, what is the contents?

<div style="margin-bottom: 10px;"> $\begin{array}{r} 25 \\ \underline{20} \\ 5 \end{array}$ </div> <div style="margin-bottom: 10px;"> $\begin{array}{r} 5 \\ \underline{.7} \\ 3.5 \end{array}$ </div> <div style="margin-bottom: 10px;"> $\begin{array}{r} 3.5 \\ \underline{20.0} \\ 23.5 \end{array}$ </div> <div style="margin-bottom: 10px;"> $\begin{array}{r} 23.5 \\ \underline{1175} \\ 705 \end{array}$ </div> <div style="margin-bottom: 10px;"> $\begin{array}{r} 705 \\ \underline{470} \\ 552.25 \end{array}$ </div> <div style="margin-bottom: 10px;"> $\begin{array}{r} 552.25 \\ \underline{.7854} \\ 220900 \end{array}$ </div> <div style="margin-bottom: 10px;"> $\begin{array}{r} 220900 \\ \underline{276125} \\ 441800 \end{array}$ </div> <div style="margin-bottom: 10px;"> $\begin{array}{r} 441800 \\ \underline{386575} \\ 433.737150 \end{array}$ </div> <div style="margin-bottom: 10px;"> $\begin{array}{r} 433.737150 \\ \underline{40} \end{array}$ </div> <div> $\begin{array}{r} 231 \overline{) 17349.486000} \\ \underline{1617} \\ 1179 \\ \underline{1155} \\ 244 \\ \underline{231} \\ 1386 \\ \underline{1386} \end{array}$ </div>	<div style="margin-bottom: 10px;"> $\begin{array}{r} 25 \text{ The difference of head} \\ 20 \text{ and bung diameter.} \\ \underline{.7} \\ 3.5 \text{ The number to be added} \\ 20.0 \text{ to head diameter.} \\ \underline{23.5} \text{ The mean diameter.} \end{array}$ </div> <div style="margin-bottom: 10px;"> $\begin{array}{r} 23.5 \\ \underline{1175} \\ 705 \end{array}$ </div> <div style="margin-bottom: 10px;"> $\begin{array}{r} 705 \\ \underline{470} \\ 552.25 \text{ Square of the mean} \\ \underline{.7854} \text{ diameter.} \\ 220900 \end{array}$ </div> <div style="margin-bottom: 10px;"> $\begin{array}{r} 220900 \\ \underline{276125} \\ 441800 \end{array}$ </div> <div style="margin-bottom: 10px;"> $\begin{array}{r} 441800 \\ \underline{386575} \\ 433.737150 \end{array}$ </div> <div style="margin-bottom: 10px;"> $\begin{array}{r} 433.737150 \\ \underline{40} \text{ The length.} \end{array}$ </div> <div> $\begin{array}{r} 231 \overline{) 17349.486000} \\ \underline{1617} \\ 1179 \\ \underline{1155} \\ 244 \\ \underline{231} \\ 1386 \\ \underline{1386} \end{array}$ </div>	<div style="margin-bottom: 10px;"> $\begin{array}{r} 282 \overline{) 17349.486000} \\ \underline{1692} \\ 429 \\ \underline{282} \\ 1474 \\ \underline{1410} \\ 648 \\ \underline{564} \\ 846 \\ \underline{846} \end{array}$ </div> <div> $\begin{array}{r} 282 \overline{) 17349.486000} \\ \underline{1692} \\ 429 \\ \underline{282} \\ 1474 \\ \underline{1410} \\ 648 \\ \underline{564} \\ 846 \\ \underline{846} \end{array}$ </div>
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SUNDRY RULES.

TO FIND NUMBER OF BUSHELS OF GRAIN IN A CAR.

RULE 1.—Multiply the length of car by the width, inside measurement, and the product by the depth of grain; and again by 8; divide the amount thus obtained by 10, and the answer will be the number of bushels.

Example—

Car 27.6 feet long
" 7.6 " wide
Filled 2. " deep

$27\frac{1}{2} \times 7\frac{1}{2} = 206\frac{1}{4} \times 2 = 412\frac{1}{2} \times 8 = 3300 + 10 = 330$ bushels.
Reduce to pounds by multiplying number of bushels by number of pounds per bushel; if wheat, thus: $330 \times 60 = 19,800$ pounds.

RULE 2.—Find the number of cubic feet in the space occupied by the grain, and multiply the result by the number of pounds per cubic foot.

Example—

Car 27.6 feet long
" 7.6 " wide
Filled 2. " deep

$27\frac{1}{2} \times 7\frac{1}{2} = 206\frac{1}{4} \times 2 = 412\frac{1}{2}$ cubic feet. As wheat in bulk weighs 48 pounds per cubic foot— $412\frac{1}{2} \times 48 = 19,800$ pounds. Divide the number of pounds thus obtained by the number of pounds per bushel, and the quotient will be the number of bushels—thus: $19,800 \div 60 = 330$ bushels.

TO MEASURE CORN IN CRIB.

There have been many rules formulated for this purpose, with considerable difference as to results. On the statement that two cubic feet of good, sound, dry corn in the ear will make one bushel of shelled corn, this rule is given:

RULE 1.—Measure the length, breadth and height of the crib inside the rail; multiply the length by the breadth, and the product by the height, and divide the product by 2, and the quotient will be the number of bushels of shelled corn in the crib.

Example—

Dimensions of crib, 15 feet long, 8 feet wide, and 6 feet deep. $15 \times 8 = 120$, and $120 \times 6 = 720$, and $720 \div 2 = 360$. A crib of the above dimensions would contain, when filled with corn in the ear, according to this rule, 360 bushels of shelled corn. To reduce to pounds, multiply number of bushels by the number of pounds contained in one bushel—thus: $360 \times 56 = 20,160$ pounds.

RULE 2.—Multiply the length, breadth, and height in feet together, as in Rule 1, and the last product by .63 (the fractional part of a heaped bushel in a cubic foot), and the result will be the heaped bushels of ears.

Example—

15 length \times 8 width \times 6 height = 720 cubic feet. Then $720 \times .63 = 453.60$ heaped bushels of ears. For the number of bushels of shelled corn multiply by .42 (two-thirds of 63), instead of .63. $720 \times .42 = 302.40$ struck bushels of shelled corn.

RULE 3.—Ascertain the number of cubic feet contained in the crib, as in Rule 1, then divide the cubic feet by the number of cubic feet contained in one heaped bushel of corn on the ear, and the quotient will be the number of heaped bushels.

Example—

Crib of same dimensions as given in Rules 1 and 2. 720 cubic feet $\div 1.6 = 450$ heaped bushels. To reduce to struck bushels of shelled corn multiply the number of cubic feet by .42 as in Rule 2, or take two-thirds of the amount of heaped bushels, thus: $450 \times \frac{2}{3} = 300$ struck bushels of shelled corn. This rule is absolutely correct with the exception of the small fraction that has been dropped for the convenience of calculation in the number of cubic feet in one heaped bushel.

Proof—

By reference to the tables of grain, etc., it will be noted that corn on the cob, in the majority of States, weighs 70 pounds per bushel, and 46.67 pounds to the cubic foot, while shelled corn weighs 56 pounds to the bushel, and 44.80 pounds to the cubic foot. Taking the above example.

Rule 3. 720 c. ft., 480 h. b. \times 70 lbs. per b. = 33,600 lbs.

720 c. ft. \times 46.67 lbs. per c. ft. = 33,600 “

320 s. b. \times 56 lbs. per b. = 17,920 “

400 c. ft. required to hold 320 b. s. \times 44.80 lbs. per c. ft. = 17,920 “

To make a comparison as shown by these rules, we have the following results.

RULE 1.	540	heaped bushels on cob @	70 lbs.	=	37,800 lbs.
“ 2.	453.60	“ “ “ “ “ “	=	31,752	“
“ 3.	480	“ “ “ “ “ “	=	33,600	“
“ 1.	360	struck bushels shelled	“ 56	=	20,160 “
“ 2.	302.40	“ “ “ “ “	=	16,934	“
“ 3.	320	“ “ “ “ “	=	17,920	“

TO FIND THE BREAKING WEIGHT OF ROPE.

(Circumference being represented by C.)

Breaking weight in tons = .2 C² for hemp.

“ “ “ “ = 1.5 C² iron wire.

“ “ “ “ = 2.5 C² steel wire.

White ropes are 5% stronger than tarred. Breaking weight of good hemp rope is 6400 pounds per square inch. In use, estimate one-half or 3200 pound per square inch.

TO FIND BREAKING WEIGHT OF CHAINS.

Divide the square of the diameter of one bar of the link in sixteenths of an inch by 9, for short link chains, and by 8 for studded chains.

TO FIND LENGTH OF BELTING WHEN CLOSELY ROLLED.

The sum of the diameters of the roll and the eye in inches, multiplied by the numbers of turns made by the belt, and the product multiplied by the decimal .1309, will equal length in feet.

TO FIND THE WEIGHT OF GRINDSTONES.

Square the diameter (in inches), multiply by thickness (in inches), then multiply by decimal .06363.

TO FIND THE CIRCUMFERENCE OF A CIRCLE.

The diameter being given, multiply the diameter by 3.1416.

TO FIND THE DIAMETER OF A CIRCLE.

The circumference being given, divide the circumference by 3.1416.

TO FIND THE AREA OF A CIRCLE.

The diameter being given, multiply the square of the diameter by .7854.

TO FIND THE AREA OF A CIRCLE.

The diameter and circumference both being given, multiply the diameter and circumference together, and divide the product by 4.

TO FIND THE CUBIC CONTENTS OF A CYLINDER.

The diameter and length being given, multiply the square of the diameter by .7854, and the product by the length.

Cubic Contents and Capacity in Gallons of Wells and Cisterns.

FOR EACH 12 IN. IN DEPTH.

Diam-eter.	Cubic Feet.	Gallons	Diam-eter.	Cubic Feet.	Gallons.	Diam-eter.	Cubic Feet.	Gallons.
2.	3.14	23.49	11.6	103.88	777.02	21.	346.39	2591.
2.6	4.91	36.73	12.	113.11	846.06	21.6	363.08	2669.84
3.	7.07	52.88	12.6	122.79	918.37	22.	380.16	2843.60
3.6	9.62	71.96	13.	132.74	992.92	22.6	397.64	2974.35
4.	12.57	94.02	13.6	143.15	1070.76	23.	415.50	3107.94
4.6	15.90	118.93	14.	153.95	1151.55	23.6	433.77	3244.60
5.	19.64	146.91	14.6	165.14	1235.25	24.	452.42	3384.10
5.6	23.76	177.72	15.	176.73	1321.94	24.6	471.47	3526.60
6.	28.28	211.53	15.6	188.70	1411.48	25.	490.91	3672.01
6.6	33.19	248.19	16.	201.08	1504.08	25.6	510.74	3820.34
7.	38.49	287.91	16.6	213.84	1599.52	26.	530.97	3871.66
7.6	44.18	330.47	17.	227.	1697.96	26.6	551.59	4125.89
8.	50.27	376.02	17.6	240.55	1799.31	27.	572.60	4283.05
8.6	56.75	424.49	18.	254.49	1903.59	27.6	594.	4443.12
9.	63.62	475.88	18.6	268.82	2010.77	28.	615.89	4606.86
9.6	70.88	530.18	19.	283.55	2121.15	28.6	637.99	4772.17
10.	78.55	587.55	19.6	298.67	2234.05	29.	660.57	4911.06
10.6	86.60	647.77	20.	314.18	2350.07	29.6	683.54	5112.88
11.	95.04	710.90	20.6	330.09	2469.07	30.	706.91	5237.69

How to Find the Contents of a Round Tank.

Multiply the square of the diameter in feet by the depth in feet, and multiply the result by $5\frac{7}{8}$, and you will have the contents of the tank in gallons.

Example—

How many gallons will a tank hold 8 feet in diameter and 10 feet deep?

Solution—

$$8 \times 8 = 64 \times 10 = 640$$

$$640 \times 5\frac{7}{8} = 3760 \text{ gallons. Ans.}$$

NOTE.—In calculating the capacity of tanks, $31\frac{1}{2}$ gallons are estimated to one barrel, and 63 gallons to one hogshead.

To find the number of barrels contained in a tank of the above capacity, divide the number of gallons by $31\frac{1}{2}$.

Thus— $3760 \div 31\frac{1}{2} = 119\frac{2}{3}$ barrels.

BAGGING.

VARIOUS KINDS MANUFACTURED.

Brands.	Weights.			Brands.	Weights.		
	Per Yard.	Per Roll.	Per $\frac{1}{2}$ Roll.		Per Yard.	Per Roll.	Per $\frac{1}{2}$ Roll.
Adams.....	1½	150	75	Nevis AA.....	2¼	225	112½
Brookly	2	200	100	Nevis N	2½	212½	106¼
Cherokee.....	1¾	175	87½	Nevis O	2	200	100
Dixie.....	1¾	175	87½	New Orleans.....	2½	212½	106¼
D. M.....	2¼	225	112½	N. Y. B. Co.....	2½	212½	106¼
Double Anchor.....	2¼	225	112½	Orleans.....	2	200	100
Dover.....	1¾	175	87½	Paterson.....	2¼	225	112½
Dover Mills.....	1¾	175	87½	Paterson A.....	2½	212½	106¼
Eagle	2¼	225	112½	Paterson B.....	2	200	100
Eagle Mills.....	2¼	225	112½	Paterson Mills	2	200	100
Georgia.....	1¾	175	87½	Paterson Standard...	2¼	225	112½
Globe	1¾	175	87½	Pawnee.....	2¼	225	112½
Harlem	1½	150	75	Pioneer.....	2	200	100
Hart's Standard.....	2¼	225	112½	Plantation	1½	150	75
Hecla	1½	162½	81¼	Planters.....	1¾	175	87½
Hindoo.....	1¾	175	87½	Royal.....	2	200	100
Hoogley.....	1⅞	187½	93¾	Salem.....	1½	150	75
Horicon.....	2¼	225	112½	Seminole.....	2	200	100
Horican Mills.....	2¼	225	112½	Standard	2¼	225	112½
Horican O.....	2½	212½	106¼	Star	1¾	175	87½
Hudson.....	2	200	100	Star.....	2	200	100
Jerséy Mills.....	2	200	100	Star	2¼	225	112½
Kenesaw	1½	150	75	Sunny South.....	1¾	175	87½
Ludlow.....	2¼	225	112½	Union Star.....	1¾	175	87½
Memphis.....	1⅞	187½	93¾	Zephyrs.....	1½	150	75

Railway Management and Operation.

By W. G. CURTIS.

Member of the American Society of Civil Engineers; member of the Technical Society of the Pacific Coast; Assistant to General Manager, Southern Pacific Company.

PREPARED ESPECIALLY FOR THIS WORK.

ORIGIN OF RAILWAYS.—RAILWAY CAPITALIZATION.—GOVERNMENT OWNERSHIP AND CONTROL.—RAILWAY RATES, THEORY AND PRACTICE.—TRAFFIC STATISTICS.—MANAGING ORGANIZATION.—RAILWAY EMPLOYEES.—TRAIN SERVICE.—STATION SERVICE.—RAILROAD SIGNALING.—MAINTENANCE OF WAY AND STRUCTURES.—MAINTENANCE OF EQUIPMENT.—MODERN LOCOMOTIVES.—CAR COUPLERS.—TRAIN BRAKES.

Railways originated in the necessities of the English coal trade, and in a primitive form were in operation in England about the year 1650. The rails consisted simply of longitudinal stringers of timber; in 1760 these timber rails were generally covered with iron; in 1767 rails of cast iron were first introduced, and the use of wrought iron rails was commenced early in the present century. Poor's Manual gives the date of opening of the first line in Great Britain as September 27, 1825, which date may be taken as the beginning of modern railways in that country.

By the same authority the first railroad in the United States was opened April 17, 1827, but the American railway system may be said to date its beginning from the 4th of July, 1828, when the first rail of the Baltimore and Ohio Railroad was laid.

The growth of the railway mileage in the United States in each decade is indicated by the following table:

RAILWAYS IN OPERATION.

Years.	Miles.	Years.	Miles.
1830	23	1870	52,922
1840	2,818	1880	93,296
1850	9,021	1890	163,537
1860	30,629		

Over 62 per cent of the existing railway mileage in the United States has been created in the past twenty years.



TERRITORIAL GROUPS

AS ADOPTED BY THE

U. S. INTERSTATE

COMMERCE COMMISSION

— 1890 —



RAILWAY CAPITALIZATION.

Accurate statistics covering all the railways of the world are not readily obtainable. A careful investigation has shown that on January 1, 1884, the capital invested in the railways of the world was as follows: *

Country.	Miles of Railway.	—Capital Invested—	
		Total.	Per Mile.
America.....	140,000	\$ 8,400,000,000	\$ 60,000
Europe	114,000	13,110,000,000	115,000
Asia.....	11,600	775,000,000	66,000
Africa.....	3,400	240,000,000	70,000
Australia.....	6,500	325,000,000	50,000
Totals.....	275,500	\$22,850,000,000	\$ 83,000

January 1, 1892, the railway mileage of the world was probably not less than 400,000 miles, which, on the above basis of \$83,000 per mile, gives an estimated total valuation of around \$33,000,000,000. With the single exception of Australia, where the physical characteristics of the country are quite uniformly favorable to cheap construction, the average capitalization per mile in the United States of America is the lowest in the world.

While in other countries there is a greater percentage of double track lines, and more costly adjuncts to railways, it is generally true that in those countries both labor and materials are less costly. Conclusions cannot be wisely drawn from the general facts here presented, but the thought suggested is, that methods of railway capitalization in the United States will not suffer by comparison with similar methods in other countries. Owing to the great difference in physical characteristics, the value of labor and cost of materials and supplies, the cost of railway construction varies greatly in different parts of the United States, the railways in Groups 8 and 10, Interstate Commerce Commission Classification (see plate 1), being far more costly to construct than those in the Mississippi Valley and Atlantic Sea-board groups. In a general way the cost of railway properties is represented by the amount of bonds and other forms of indebtedness. The amount of railway stocks represents in part an actual investment of capital in railway construction, but for the greater part, the valuation placed by railway companies upon their capital stock is speculative, and its real value depends upon the ability of railways to earn, as a profit justly appertaining to ownership, surplus revenue, over and above the operating miscellaneous and betterment expenses, taxes and the so-called fixed charges required for the payment of the interest upon, and finally the principal of bonded and other debts. The expression, total railway expenses, or grand total expenses hereinafter used, will be understood to cover and include all disbursements, excepting only for dividends on the capital stock.

The following tables from the Third Annual Report on Statistics of Railways in the United States, to the Interstate Commerce Commission, by Mr. Henry C. Adams, Statistician to the Commission, indicates the railway capital of the United States, June 30, 1890, on 156,404 miles of railways reporting to the Commission. The total capitalization, stocks, bonds and other forms of indebtedness for all the railways, (163,597 miles) in this country is estimated by Mr. Adams, at nearly \$10,000,000,000.

*Arthur T. Hadley, Railroad Transportation. Page 259.

SUMMARY OF RAILWAY CAPITAL, BY GROUPS.

STOCK.

Territory Covered.	Total.	Common.	Preferred.	Per cent of Total Capital.	Per Mile of Line.
Group I	\$206,647,774	\$173,880,380	\$ 32,767,394	54.74	\$27,829
Group II	891,104,890	838,562,997	52,541,893	43.85	51,698
Group III	607,425,712	472,117,458	135,308,254	46.39	29,059
Group IV	189,595,740	131,995,972	57,599,768	46.16	21,897
Group V	327,690,893	271,625,061	56,065,832	44.12	20,640
Group VI	860,657,849	698,408,218	162,249,631	47.36	22,567
Group VII	178,883,266	136,974,196	41,914,070	40.37	20,311
Group VIII	486,816,069	441,697,369	45,118,700	46.48	22,992
Group IX	173,012,749	173,012,749	.....	46.38	21,658
Group X	487,818,543	465,010,543	22,808,000	55.25	48,128
Total United States...	\$4,409,658,485	\$3,803,284,943	\$606,373,542	46.73	\$28,193

FUNDED DEBT.

Territory Covered.	Total.	Bonds.	Miscellaneous Obligations.	Income Bonds.	Equipment Trust Obligations.	Per Cent of Total Capital.	Per Mile of Line.
Group I	\$ 144,146,946	\$122,488,020	\$21,658,926	.....	.....	38.19	\$19,412
Group II	1,004,472,073	902,732,017	67,596,692	\$13,305,287	\$20,838,077	49.43	58,275
Group III	628,873,363	582,118,082	12,684,348	24,896,005	9,174,928	48.03	30,085
Group IV	198,106,320	178,296,984	5,835,458	10,538,000	3,435,878	48.24	22,881
Group V	387,935,869	334,913,058	16,335,692	13,104,500	4,972,619	52.24	.....
Group VI	904,307,220	792,516,628	97,303,976	12,479,845	2,006,771	49.69	23,674
Group VII	242,125,271	218,329,345	21,051,692	.....	2,734,234	54.64	27,491
Group VIII	514,421,653	484,365,168	24,105,977	1,416,915	4,533,603	49.12	24,295
Group IX	186,874,515	183,584,782	1,660,234	1,193,266	436,233	50.10	23,393
Group X	363,322,843	324,478,656	37,498,315	.....	1,345,872	41.15	35,845
Total United States,	\$4,574,585,083	\$4,123,822,740	\$305,741,310	\$76,933,818	\$19,478,215	48.47	\$29,250

Territory Covered.	Other Forms of Indebtedness.	Total Railway Capital.	Per Cent of Total Capital.	Per Mile of Line.
Group I.....	\$ 26,682,582	\$ 377,477,302	4.00	\$ 50,834
Group II.....	136,665,653	2,032,242,616	21.53	117,902
Group III.....	73,091,640	1,309,390,715	13.87	62,641
Group IV.....	23,001,969	410,704,029	4.35	47,434
Group V.....	27,043,610	742,670,372	7.87	46,775
Group VI.....	53,623,796	1,818,588,865	19.27	47,645
Group VII.....	22,122,913	443,136,450	4.70	50,314
Group VIII.....	46,036,717	1,047,274,449	11.10	49,461
Group IX.....	13,104,925	372,992,189	3.95	46,691
Group X.....	31,734,999	882,876,385	9.36	87,104
Total United States.....	\$453,108,804	\$9,437,353,372	100.00	\$60,340

VALUE OF RAILWAY PROPERTY ON THE BASIS OF EARNINGS OVER
EXPENSES OF OPERATION.

Territory Covered.	Final Net Earnings Available for Dividends.	Amount Paid as Interest on Railway Capital.	Total Net Earnings and Interest Payments.	Value of Railway Property Computed at 5% on basis of earning Capacity.	Value of Railway Property per Mile of Line, Computed at 5% on Basis Earning Capacity
Group I.....	\$12,807,689	\$ 8,678,242	\$21,485,931	\$ 429,718,620	\$ 57,867
Group II.....	42,363,861	52,209,269	94,578,130	1,891,562,600	109,741
Group III.....	17,545,038	30,478,895	48,023,933	960,478,660	45,941
Group IV.....	1,755,610	9,143,922	10,899,532	217,990,640	25,177
Group V.....	4,768,045	19,211,479	23,979,524	479,590,480	30,206
Group VI.....	21,919,935	47,611,809	69,531,744	1,390,634,880	36,406
Group VII.....	4,973,008	11,820,875	16,793,883	335,877,660	38,136
Group VIII.....	3,650,283	25,111,334	28,761,617	575,232,340	27,163
Group IX.....	1,298,239	7,127,079	5,828,840	116,576,800	14,593
Group X.....	6,731,643	18,221,566	11,489,923	229,798,460	22,672
Total United States...	\$101,758,587	\$229,614,470	\$331,373,057	\$6,627,461,140	\$42,374

For the year ending June 30, 1890, no dividends were paid on 99.99 per cent of the railway stock in Group 9, and no dividends were earned on 83.54 per cent of the stocks in Group 10, and on 63.76 per cent of all the

railways in the United States. In respect to the value of the railway property on the basis of earnings over expenses of operation, the preceding is taken from the Interstate Commerce Report above mentioned; the amount available for dividends and the interest payments on railway capital, are given for each territorial group and for the country at large, and these sums capitalized at 5% is accepted as the value of railway property; that is to say, the value of railway property is computed on the basis of the amount of money which it actually earned for its bond and stockholders, during the year ending June 30, 1890.

From this it appears that what may be termed the present investment value of railway property is \$6,627,461,140. By reference to the foregoing summaries is found that the actual capitalization of the 156,404.06 miles of line is \$9,437,353,372. Thus, on an average, the railways of the United States are earning only the low rate of 5% interest on a little over two-thirds of their reported capital.

The roads in Group 10 are earning this rate of interest on only a little over 25% of their capital. Whatever of truth there may be in the views held by some people, that by reason of the methods of their capitalization, railways may so use their rights as to infringe upon the rights of others, public interests are not likely to be endangered, if menaced at all in this connection, until such time as the railways may be able to earn surplus income more nearly approaching fair returns on their capital.

GOVERNMENT OWNERSHIP AND CONTROL OF RAILWAYS.

In the early days of railway development, the idea prevailed that railroads were destined to be simply a new form of public highway, over which private individuals might transport freight and passengers, in much the same manner as over ordinary roads, the vehicles being constructed to run upon the rails. The impracticability of this being quickly demonstrated, the ownership, management and operation of railways fell into the hands of private individuals and corporations. The idea that this was to some extent a usurpation of private rights has never been entirely effaced from the public mind. Hence, the patrons of railways the world over have been inclined to invoke the aid of governmental authority to enforce conformity with popular views upon the managers of railway property.

The notion that all railways as well as telegraphs should be owned and managed by the Nation, has in all countries found many followers; but, so far, only a small portion of the railway mileage of the world has been operated under government ownership. Australia, where all the railways are owned by the various colonies, and operated by a commission of three members under the general Government, takes the lead; Germany follows next in order, and owns about 90% of the railway mileage within its dominion. In Russia the Government owns and operates about one-third of the railways. In France the relations existing between the Government and the railways are varied and complicated, and by far the larger portion of the railway system of that country is owned and operated by private companies. In Austria, Hungary, a little more than one-third of the railways are owned by the Government. In Italy and Belgium, a portion of the railways is operated under government ownership.

In the United States, between 1830 and 1840, several of the States, notably Massachusetts, Michigan, Illinois, Georgia, Missouri, Virginia and Pennsylvania, undertook the construction and management of railways on their own account; but all of these attempts ended in disaster, and the roads were transferred to private companies. All competent and impartial investigators substantially agree, in the conclusion, that so far in no country has governmental management of railroads been more satisfactory to the people than the management by private corporations, nor is it likely to be so in any country governed under a constitutional monarchy as Great Britain, or an enlightened Republic as the United States.

"The objection which to most men seems decisive against any such arrangement, is that it would throw a stupendous mass of patronage and power into the hands of the party, for the time being, holding office. Considering what a perennial spring of bitterness partisan patronage has been, and how liable to perversion, under the best regulations, patronage must always be, he would be a bold man who would toss hundreds of thousands of plans, many of them important and highly paid, into the lap of a party minister. Economic gain, assuming that such gain could be secured, would be dearly bought by political danger."*

It is a fact of great significance in this connection, that the railway charges for transportation, for both freight and passengers, are greatly higher in Continental Europe, than in the United States.

The great increase in railway mileage of the United States, and the rapid development of its western portion since 1870, has many times and in many places caused over-production of staple commodities and abnormal increase in value of town and country property, resulting inevitably in periods of depression; at such times when the boomer begins to note decline in real estate values, and the farmer and producer the diminishing prices for his products, the railroads have been blindly assailed as responsible for such conditions, and, in obedience to the popular demands, laws, limiting the rates and restricting the management of railways, have been enacted so severe in their provisions as to amount to the practical confiscation of railway property. The farmers of the Northwest at one time organized into associations called "Patrons of Husbandry," popularly known as "Grangers." Through the influence of this organization State laws of a most stringent character were passed, which were resisted in the courts by the railway companies, resulting in two famous decisions of the Supreme Court of the United States in 1876,† declaring the so-called Granger laws constitutional, and establishing the right of a State to impose restrictions of that nature; the Granger laws, however, proved in many respects impracticable in their operation, and in most States they were afterwards repealed or greatly modified.

The Interstate Commerce Law, establishing a Federal Commission to regulate interstate railroad transportation, passed in 1887. The consensus of opinion among the members of this Federal Commission, as well as of the majority of the Commission of various States, and the English Board of Trade, which is a bureau of the general Government possessing supervisory power of a general nature over British railways, all tend to confirm the con-

*James Bryce, *American Commonwealth*, Vol. II, Page 511.

†See *Munn vs. Illinois*, and *Peake vs. Chicago, Burlington and Quincy Railroad*, Page 94, United States Report.

clusions of the Railroad Commissioners of Massachusetts, as expressed in their report for the year 1878, wherein they state that their policy "includes the whole principle of the regulation of railroads by supervision, as opposed to their regulation by penal enactments. It is based upon the conviction which, perhaps, it may be no assumption to claim, originated in Massachusetts, and with the Board, that the severe compulsory legislation known as Grangerism is not only in itself impolitic and opposed to the spirit of American institutions, but it is also by no means the most effectual way of remedying the abuses incident to the rapid and peculiar development of the railroad system. It is an unreasoning appeal to force to instantly bring about an imagined result, instead of a reliance on the controlling power of an educated public opinion resulting from a full and patient discussion. After a careful investigation which extended through years, and the conclusions of which are to be found in its earlier reports, this Board wholly rejected the idea of attempting to regulate railroads in this country, at least through direct legislative intervention. It was satisfied that such an attempt would result only in failure, or perhaps generate new and dangerous abuses of its own. The Board, on the contrary, maintained that every desired result or needed reform could be secured by simply developing in the public mind the idea of corporate responsibility and supplying the necessary machinery to act directly upon it. To bring this about it was necessary to force the corporate proceedings into the full light of publicity, and to compel those responsible for railroad management, whenever an abuse was alleged, to submit to investigation, and to try to show that the abuse did not exist. Failing to do this, their only alternative was to discontinue its practice or to persist in it in open defiance of public opinion.

"This is the theory of railroad regulation now known as the Commissioner System, in contradistinction to the Granger System. The public supervision of accounts of the railroad corporations is the essential feature in the successful development of this theory. If it can be established, it will certainly lead to the gradual abandonment of the Granger System in favor of a supervisory system. The Commissioners believe that it has been established in the practical experience of the Massachusetts railroads during the last two years.

"They believe also that they might go much farther and assert that the system works well. It might, with confidence even, be claimed that there is to-day no portion of the industrial machinery of Massachusetts which, upon the whole, is conducted under a stronger sense of responsibility to the public, or with so great freedom from abuses in the conduct of its business, or with so anxious a desire to give reasonable satisfaction, as the railroad system of the State. In all these respects the improvement in tone which has taken place within the last few years is most noticeable, and the result is apparent even though as yet not generally realized.

"There has, in consequence, been a rapid decrease of complaints against the corporations, and a no less rapid subsidence of that restless feeling of hostility which was so marked a feature in the discussions of a few years back."

General George Stoneman, Mr. Isaac W. Smith, and Mr. John T. Doyle, in their report to the Legislature of California in 1879, add the weight of their testimony to this view as follows :

"Some few complaints of inequality or unfairness of charges and of lack of proper attention to the public convenience in the classification of goods and the charges for freight, have reached us. These have, in all cases, been first referred to the companies concerned for remedy and explanation, and in every instance, so far, the complaints have been responded to as promptly as if we possessed legal authority to command their answers or enforce redress. Our effort in all such cases has been by amicable interposition between the parties to effect the reform of any abuses found to exist, or to satisfy the complaining parties of their error if it were such. So far, our limited experience tends to confirm that of the Massachusetts Commissioners, who have found such amicable interposition almost invariably successful. Some of the complaints made to us proved to be without foundation, or made on a misapprehension of facts. In others, reasons for the course pursued have been adduced not before known to the parties complaining."

A thoughtful writer says: "The advisability of governmental supervision is generally recognized. It is indispensable to a correct understanding between the railroads and the people. It is valuable in cases of dispute, and, facilitates a better understanding of the railway problem upon the part of the people; as a means of disseminating trustworthy information; as a means of correcting popular mistakes in regard to such properties. In this field its value cannot be overestimated. The public believes the statements of its agents; it looks with suspicion upon those made by the owners and managers of railroads. Public supervision affords, therefore, an invaluable means of intercommunication.

"The railways desire only that the truth shall be told of them. They have nothing to conceal. An impartial and responsible commission of government officers is thus valuable to the railroad companies as to the public. But it is essential that it should be impartial, and that its duties and responsibilities should be confined within practical limits. It should not be a creative body.

"While possessing the rights to inquire into all matters of public concern, its inquiries should be conducted in a spirit of fairness and with reference to the interests of the people as a whole, and not of a class or section. The relations between carriers and the people are always strained. Differences continually arise between them, and acts upon the part of carriers that arise from natural and unavoidable causes are often ascribed to sinister purposes. The public are both curious and uneasy. Their disposition to criticise does not arise from malevolence, but from want of proper understanding of the subject—from jealousy and fear, born of misapprehension. This is not strange. The magnitude and power of a railroad are so great that the individual voice seems powerless to make itself heard. Such is the public belief, *however* mistaken. An impartial tribunal has it in its power to correct all this. It is, therefore, at once a social and commercial necessity.

"The imaginary evils of mankind are quite as hard to bear as those that really exist.

"The great bulk of the grievances of the public against the railways is wholly imaginary, but none the less real on that account. For that reason it is of the greatest importance that they should be cleared away; that the disposition of the people to attach real effects to imaginary causes; to distort

petty grievances into great public calamities; to separate interests of one class from another; to foster agrarian laws, should cease.

"This may all be brought about by officials of the government acting without prejudice."*

Referring generally to this subject, the United States Interstate Commission, in its fourth report, says:

"The railroads have, in fact, been the most important physical agency in national recuperation since the great civil war, and in giving wealth and prosperity to the country as a whole.

"What they have done has been accomplished because the railroad interest, as a whole, has been prosperous, and whatever would unjustly destroy or restrict their prosperity would be as mischievous to the country at large as it would to their owners."†

THE THEORY AND PRACTICE OF RAILWAY RATES.

All will agree that railways are entitled to receive for transportation of freight and passengers such rates as may be just and reasonable, but though this question has, for many years, occupied the minds of railway managers, eminent statesmen and commissioners, though much has been written in the attempt to elucidate the subject, no rule of general application has been, or, in the nature of things, can be, formulated for a perfectly exact demonstration of the reasonableness of any rate by itself alone considered. No standard can be fixed by which to determine the reasonableness of rates; to them no plumb line and level can be applied. The conditions pertaining to the relation of markets; the physical character of the road as to grade and curves; the direction in which the freight is to move as related to the direction in which the carriers could most economically move it; the volume of tonnage involved or to be developed, and its relation to the general business of the road; the direct or indirect benefits to be derived from its movement; competition to be met; competition possibly to be created; cost of movement; all of these considerations in varying relations enter primarily into the making of railway rates. This obviously requires practical knowledge which none but those who devote themselves to the commercial features of railroad operation have the time or opportunity to gain. Consequently, in the public mind the reasonableness of any rate is not determined at all, but merely guessed at by haphazard comparison with some rate or rates to which their attention happens to have been called.

It is not surprising that, under these circumstances, misconceptions regarding railway rates are apt to take the place of sound conclusions, since adequate knowledge is lacking concerning the fact and circumstances which govern the rates. "There are many cases in which property may be expected to be offered for transportation, the weight of which or the bulk is so out of proportion to its value that it cannot possibly, if considered by itself, bear charges for transportation as will leave any profit to the carrier, and must consequently be carried at a rate that falls below the point of fair profit or not be carried at all. This well-known fact has led to the common saying, that no traffic must be charged greater rates than it can bear—a saying

*Railway rates and Government Control. By M. M. Kirkman.

†Fourth Annual Report Interstate Commerce Commission. Page 27.

intended to indicate the maximum, though often understood in quite an opposite sense. It is therefore classified that the rates upon them will give to the carrier but very slight profit, and if the carrier were deliberately to refuse altogether to transport them, the refusal might doubtless, in some cases, be justified, if its own interest were exclusively to be considered. But the considerations that determine the classification in such a case look beyond the particular article and relieve what would be an oppressive and perhaps prohibitory burden by imposing some portion thereof upon other articles that can better afford to bear it.

"In every classification, therefore, articles whose value is very great, in proportion to the bulk or weight, are classed high, in the expectation that the rates imposed upon them will pay not merely the cost of transportation and a fair profit to the carrier, but will contribute also toward adequate remuneration for the transportation of such articles as can bear proportionate charges. Thus, the cost of carriage to the carrier itself is no more a controlling consideration than is the value of the carriage to the owner of the property, and when both are taken into account questions of a public character also have weight, inasmuch as it is important to make a great public agency reasonably profitable to its owners, and at the same time as useful as may be to the general public." *

Governmental supervision over railway management, wisely exercised to promote the just and equitable application of these principles, may be beneficial. Governmental interference inconsistent therewith, can only be harmful to the commonwealth. The right of the State, as affirmed by the Courts, to regulate the public uses of property, does not mean the power to confiscate or destroy it. The right of railway owners to control their property is, in all essential particulars, the same as the control vested in the ownership of all property, and "there is scarcely any property in whose use the public has no interest. No man liveth unto himself alone, and no man's property is beyond the touch of another's welfare. Everything, the manner and extent of whose use affects the well-being of others, is property in whose use the public has an interest. Take, for instance, the only store in a little village: all the public of that village are interested in it; interested in the quantity and quality of the goods on the shelves and their prices; in the time at which it opens and closes, and, generally, in the way in which it is managed; in short, interested in the use.

"Does it follow that village public has a right to control these matters? That which is true of the single small store is also true of the largest mercantile establishment in the city. The magnitude of the business does not change the principle. There may be more individuals interested, a larger public, but still, the public. The country merchant who has a small warehouse in which the neighboring farmers are wont to store their potatoes and grain, preparatory to shipment, occupies the same position as the operator of the largest elevator in New York. The public has in each case an interest in the use, and the same interest, no more, no less. I cannot bring myself to believe that when the owner of property has, by his industry, skill and money, made a certain piece of his property of large value to many, he has thereby deprived himself of the full dominion over it which he had when it

*Fourth Annual Report of the Interstate Commerce Commission. Pages 14 and 15

was of comparatively little value; nor can I believe that the control of the public over one's property or business is at all dependent upon the extent to which the public is benefitted by it." *

The only rule is to charge what the traffic will bear. This rule is in consonance with the laws of trade and the principles of commerce, observed alike by the carrier, the producer, the manufacturer, the merchant, the professional man, and all successfully engaged in commercial transactions. The expression, what the traffic will bear, has been commonly misunderstood and its meaning persistently misrepresented by uninformed or malicious persons, actuated by selfish motives in attempting to create public hostility against railroads. This method of classifying charges does not prescribe or admit of charging *more* than the traffic will bear, or, in other words, the charging of what it will *not* bear. Broadly, no industry is more dependent upon the existence of general prosperity than that of transportation; retrogression in agriculture or manufacturers, and depression in trade means only loss of revenue to railroad companies, dependent for their income upon the patronage of such industries. At the close of any year's work, it is an easy matter for the railway statistician to compute the volume of traffic carried, and the average sum of money received for transporting one ton of freight, or one passenger, one mile in one year.

Let us suppose that the year's operation has been satisfactory; that the property has been well maintained; that the operating expenses and taxes have been paid; new side-tracks and other station improvements required for the convenience of shippers have been paid for; that holders of mortgage bonds have received their interest; that proper amounts have been paid into sinking funds, providing for the payment of mortgages at their maturity; that the holders of capital stock (in other words, the owners of property), have received the amount of profits to which they are entitled; that every industry served by the transportation facilities afforded has been prosperous; that, these industries have been as varied in their character, and the list of commodities transported as extended, as on the average of American railroads; that, in short, the ideal relations as between the people and railway companies, have been realized and sustained. All this, we will say, has been accomplished with earnings, averaging two cents for each ton of freight moved over each mile of railroad property operated.

Proceed, then, to consider what the effect would be of imposing this average mileage rate upon every ton of freight offered for carriage; this one price, without any variation being demanded by the carrier, on stone from the quarry, on ores of lowest grade from the mines, on grain and agricultural products of all kinds, on pig iron, and upon silver bars, upon grain bags and silk, on shipments between local stations almost within sight of each other, and stations separated by the width of the continent.

No argument is needed to show that trade and production would be thrown into confusion; that the miners, quarrymen, and the producers of great staple agricultural commodities who cannot pay the average rate, would be driven out of business, leaving little to be carried. The proposition is self-evident that, if the traffic in this hypothetical case can safely bear an average rate of two cents per mile, for transportation of freight, a just discrimination,

*Budd vs. New York, United States Supreme Court decision, February, 1892; opinions of Justices Brewer, Field and Brown.

(discrimination is not necessarily unjust; Webster defines it as "the act of discriminating, distinguishing, or noting and marking differences") must be exercised by the carrier to the end that while he is engaged in the effort to earn an average rate upon the traffic moved, which shall be fairly just and reasonable, he may at the same time deal equitably with his patrons, striving at all times to fairly distinguish all of the differences in the circumstances and conditions as between various classes of traffic; and while not making the rates unreasonably and unjustly high, for the transportation of commodities which can bear high rates, at the same time so fixing the rates upon commodities which, by reason of their character or the competition of markets, are of lesser value, on such a basis as will tend to produce the greatest possible quantity of such cheap commodities to be moved.

The carriers have sometimes been criticised for making special rates, as if special rates were necessarily an evil. The fact is, that no tariff can be made flexible enough to meet all the cases that arise in handling the traffic of large communities under varying conditions. To meet such cases, it sometimes occurs that it becomes necessary to make an exception to the tariff. This exception is commonly termed a "special rate."

"The profit that inures from it accrues to the community. Its purpose is to create trade that would not otherwise exist, to increase production, to lessen cost, to stimulate consumption, to benefit mankind. No business is ever done that involves a permanent loss. A profit must accrue in every case, directly or indirectly. Rates conform to circumstances. They fluctuate. If the necessity of the situation calls for low rates, we have low rates. It is not necessary that the legislature should interfere to secure them. The process is natural and inevitable. So long as the rate affords the carrier a measure of profit, he will adapt himself to it, if circumstances of trade require it, piecing out the poor with something better. If his income as a whole is sufficient, his property will be prosperous. If it is not, it will be depressed; and as it is prosperous or otherwise, so will other interests be. The bond of sympathy is complete." *

"The underlying principle governing the fixing of rates is that the railroad companies are not merely common carriers, but are also the owners of roadway, and their charges are not only for the work of moving freight as common carriers, but are also tolls for the use of their roadways. Now, in the United States, it requires nearly 40%† of the receipts to pay the toll of their roadways, that is the interest on the investment, and within that 40% the railroads have great latitude in making their charges. The other 60%‡ goes to pay the cost of operating the roads; that is to say, of moving and handling the freight. In making competitive rates, therefore, the question is presented to the railroad manager whether he can reach a certain business at certain rates, and if he finds he cannot get his 40% on that business, he takes twenty, or even ten.

"The higher charges made upon some classes of freight compensate the railroad companies for the lower charges upon others. They must be regulated according to what the articles will bear."†

In negotiations looking to the establishment of freight rates, which are

*M. M. Kirkman, *Railway Rates and Government Control*. Pages 67, 68.

†For year 1890 these percentages for all United States roads were respectively 31.37 and 68.63.

‡Albert Fink, before Committee on Commerce, February, 1882.

required to be extremely low for the development of new traffic, the questions presented to the traffic managers are varied and complex; it is practically impossible for them to determine, in advance, the cost of moving the tonnage. If it is offered on roads of light traffic and can be handled without increasing the train service, or, if it can be moved in cars which otherwise would be hauled over the same route empty, the additional operating expense involved, chargeable directly to the new traffic, would be comparatively small. If, on the other hand, the new traffic is to require additional train service, or the movement of empty cars (in the reverse direction of its movement), to its point of shipment, the additional expense would be much greater.

"Direct cost is always considered in fixing the rate, but it is not imperative that all traffic should pay its proportion of fixed expenses, *i. e.*, the expenses that would go on whether or no. The last are considered incidentally in fixing the rate; if the traffic will bear its proportion, such proportion is added; if it will not, and yet will return something over bare expenses incurred, it is still taken. The ethics of trade govern." *

It is impossible to estimate, in advance, the necessary expenses of railway operation, for they are subject to unforeseen and unavoidable disasters, such as the occurrence of extraordinary storms and floods, which not infrequently interrupt traffic movement, causing loss of earnings and extraordinary expenditures aggregating large sums. Exclusive of this extraordinary expense, the total expenses of railway operation may be approximately divided into two classes.

First.—Operating expenses as classified by the Interstate Commerce Commission, which are variable according to volume of traffic handled, and the exigencies of railway operation, and which usually average in amount equivalent to from 65% to 70% of the total expenses.

Second.—That portion averaging from 30% to 35% of the total expenses covering taxes, and interest on funded debt, commonly called fixed charges, which remain practically unchanged by considerable additions to the traffic. If it be assumed that at any given date a railroad company is prosperous, and its current gross earnings are sufficient, after paying expenses of operation and fixed charges, to produce a reasonable income applicable to dividends upon the capital stock, the continuance of prosperous conditions may be confidently expected, provided that unwise governmental interference, destructive competition, or careless management, singly or in combination, do not operate to reduce the average rates below the figures consistent with the increase in volume of traffic, or to prevent increase of the average rates, if from any cause the traffic should, for any considerable length of time, be materially diminished. This relation between normal railway expenses, transportation rates and volume of traffic moved, is illustrated by Plate 2.

EXPLANATION OF DIAGRAM, PLATE 2.

This diagram indicates the relation between expenses, traffic and rates, after all the operating conditions of a railroad have been brought into proper balance with each other; the operating expenses proper, increasing 50% to each 100% increase in traffic. The line A-B represents total expenses; the line B-D, volume of traffic; the line A-C, normal increase of oper-

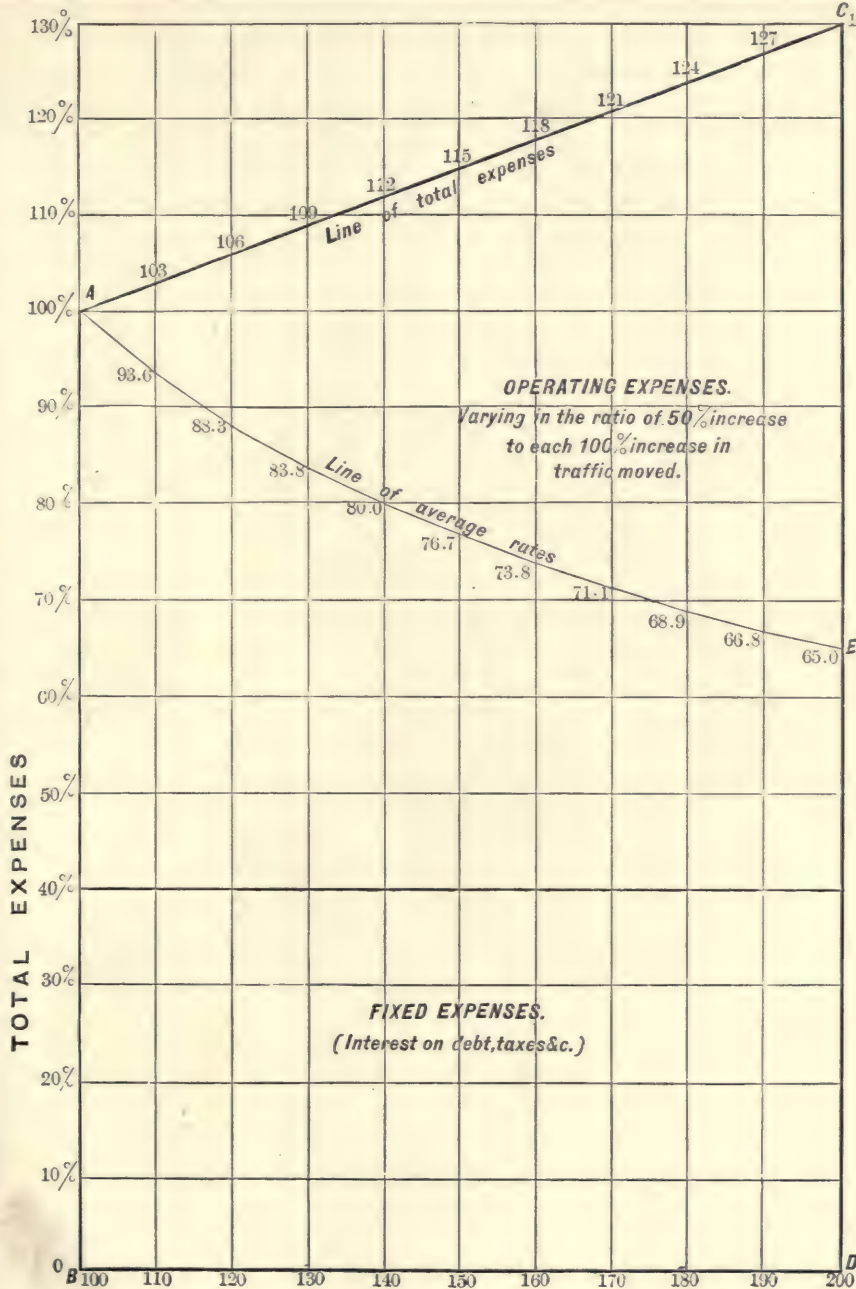


DIAGRAM ILLUSTRATING RELATION OF AVERAGE RAILWAY RATES, TRAFFIC AND EXPENSES.

ating expenses due to increase of traffic; the line A-E, decrease in rates relative to increase in traffic. The line A-B is divided into 100 parts, applied 40% to fixed expenses, and 60% to the operating expenses of a railroad in prosperous condition, at any given time. The volume of traffic carried at that time is represented by 100 units, written at the bottom of line A-B. The average rate of transportation charges per ton, or per passenger per mile, is indicated on line A-B at 100, the actual rate, whatever it may be, being assumed as divided into 100 parts; the intersection of the line of A-C, of total expenses, with the vertical line drawn through the figures, indicating any increase in traffic in excess of 100 units, fixes the point in horizontal line indicating necessary expenses for moving that volume of traffic. The intersection of the same vertical line with the line A-E, indicates the relative average transportation rate. For example: If the traffic should permanently increase 50%, or from 100 to 150 units, we find from the diagram that the vertical line 150, of traffic, intersects the line of total expenses at 115, and the line of rates at 76.7, indicating that the total expenses for 150 units of traffic will increase at least 15%, and consequently the average rates must not be decreased to less than 77% of the rate for 100 units of traffic, if normal conditions are to continue.

It must not be assumed that from every point in its business career, a railway company can reduce rates, in the foregoing inverse ratio, to increase in volume of traffic. The tendency on new roads being to reduce rates in the beginning to low figures, out of due proportion to the business, then by close economies, and often by withholding from the property its just requirements for expenditures to adequately maintain it, eke out the money needed for interest on the bonded debt, and thus move along the ragged edge of bankruptcy. Under these conditions, time must be allowed for traffic to increase into fair balance with the rates, before the latter should be further materially reduced.

A poverty-stricken railroad can never give perfectly satisfactory service to its patrons. It is directly in accord with public interests generally that railway companies shall earn sufficient money to maintain their roads and service up to high standards.

The ability of the carrier to reduce the average rate of transportation charge by increasing the volume of the tonnage moved, may be further illustrated thus: Suppose the requirement of a railroad company to meet its taxes and fixed charges should be for each mile of road operated, per annum, \$4,000, if only one passenger or one ton of freight was offered for transportation over that mile of road; the company would require, and if the traffic could bear it, would be justly entitled to receive as tolls (over and above the operating cost of movement), \$4,000 for the movement of that single ton of freight or that passenger, one mile. If 100,000 tons of freight or passengers were offered, four cents per ton, or per passenger per mile, would suffice to pay fixed charges. If 1,000,000 tons or passengers were moved, four-tenths of one cent would be sufficient, and so on.

For the average Western roads, the relation of expenses to traffic, exhibited by this diagram, is quite exact; for roads in the eastern portion of the great Mississippi Valley, and the Northern Atlantic States, where, from time to time, large sums have been expended in improving the roadways, a

somewhat smaller proportion of the total expense is affected by the volume of traffic moved.

The diagrams here following show for the Pennsylvania Railroad, the Southern Pacific roads, and the average of all roads in the United States, the actual relation between freight rates, and the volume of traffic for a period of years.

The reduction in rates relative to increase in traffic indicated by Plates 3, 4 and 5, is remarkably uniform. Respecting the actual amount of the rates, as shown on these diagrams, no just comparison as between different roads, different countries, or different regions in the same country, can be made without most careful investigation, taking into account all of the many differences in the circumstances and conditions affecting railway construction and maintenance.

Charges for transportation of passengers are based upon the same general principles governing the making of freight rates; the classes of traffic being fewer and the diversity in the conditions less perplexing, passenger rate sheets are somewhat more easily made and maintained than freight schedules. Great mistakes are frequently made by diminishing passenger rates too rapidly on new railroads before the business has been fairly developed and established; an example of this undue lowering of passenger rates is found in the operations of the Southern Pacific Company lines, as shown by Plate 7.

On a general average, decreasing rates from year to year, down to a figure below the average per mile in the entire United States, has not on these been productive of any corresponding increase in the number of passengers carried per mile of road operated.

In 1875, when the rate per passenger per mile averaged 3.27 cents, the number of passengers carried one mile, per mile operated, was 129,689; in 1891, when the rate was 2.16 cents per mile, the passengers carried one mile, per mile operated, was only 113,224.

The great divergence in these conditions, as existing in the United States, is indicated by the following table:

COMPARATIVE SUMMARY OF ITEMS BY GROUPS.*

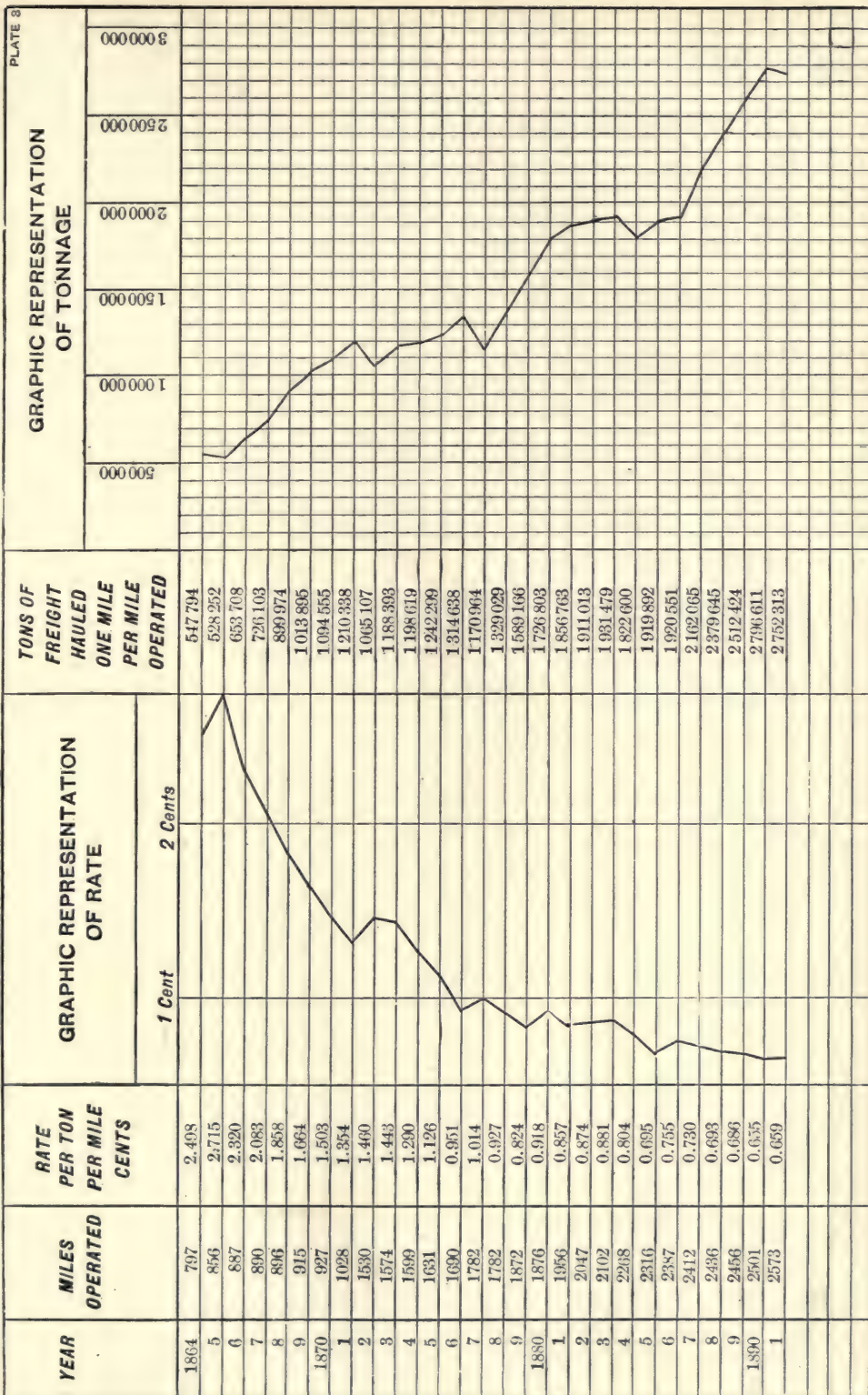
Territory Covered.	Gross Earnings per Mile of Line.	Operating Expenses per Mile of Line.	Locomotives per 100 Miles of Line.	Men Employed per 100 Miles of Line.	Passenger Mileage per Mile of Line.	Freight Mileage per Mile of Line.
Group I.....	\$10,444	\$ 7,075	28	716	233,530	383,505
Group II.....	15,829	10,275	46	1,167	183,121	1,348,107
Group III.....	7,785	5,322	24	576	85,573	793,763
Group IV.....	4,279	2,886	13	379	43,039	330,981
Group V.....	4,945	3,278	14	386	46,869	304,936
Group VI.....	5,195	3,324	15	359	50,059	376,403
Group VII.....	5,128	3,007	12	328	46,148	269,866
Group VIII.....	4,056	2,613	12	307	37,027	243,753
Group IX.....	4,331	3,278	11	303	33,561	245,732
Group X.....	5,836	3,871	13	250	67,196	191,806
United States.	\$6,726	\$4,425	19	479	75,751	487,245

Territory Covered.	Revenue per Passenger per Mile.	Revenue per Ton per Mile.	Per Cent of Passenger Earnings to Total Earn'gs	Per Cent of Freight Earnings to Total Earnings.	Value of Railway Property per Mile of Line, Computed at 5% on Basis Earning Capacity
	Cents.	Cents.			
Group I.....	1.912	1.373	47.50	51.36	\$ 57,867
Group II.....	2.029	.828	27.33	70.28	107,741
Group III.....	2.199	.695	28.72	69.33	45,941
Group IV.....	2.481	.844	30.94	66.93	25,177
Group V.....	2.465	1.061	29.16	67.77	30,206
Group VI.....	2.226	.961	26.87	70.97	36,406
Group VII.....	2.452	1.300	27.46	71.19	38,136
Group VIII.....	2.263	1.152	25.96	69.99	27,168
Group IX.....	2.583	1.303	23.88	74.42	14,593
Group X.....	2.308	1.651	34.85	61.74	22,672
United States.....	2.167	.941	29.41	68.23	\$42,374

"It is not wise to draw conclusions without adequate study, but the thought suggested by the above summary is that uniform rules for the control of railways, should those rules proceed beyond general principles of universal application, would be of doubtful utility."

*Henry C. Adams, Statistician Interstate Commerce Commission.

FREIGHT TRAFFIC, PENNSYLVANIA RAILROAD, COMPUTED FROM REPORTS OF THE COMPANY.



FREIGHT TRAFFIC, ROADS IN PACIFIC SYSTEM SOUTHERN PACIFIC COMPANY, FROM REPORTS OF THE COMPANIES.

YEAR	MILES OPERATED	RATE PER TON PER MILE, CENTS	GRAPHIC REPRESENTATION OF RATE		TONS OF FREIGHT HAULED ONE MILE PER MILE OPERATED	GRAPHIC REPRESENTATION OF TONNAGE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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* * As is always the case with statistics of this nature independently collected, these figures differ somewhat from those reported by the Interstate Commerce Commission.

YEAR	MILES OPERATED	RATE PER PASSENGER PER MILE, CENTS	GRAPHIC REPRESENTATION OF RATE				PASSENGERS CARRIED ONE MILE PER MILE OPERATED	GRAPHIC REPRESENTATION OF PASSENGER MILEAGE			
			1 Cent	2 Cents	3 Cents	4 Cents		100 000	200 000	300 000	400 000
1864	797	2.672					204 636				
5	856	2.748					271 051				
6	887	2.883					184 211				
7	890	2.895					165 775				
8	896	2.708					174 812				
9	915	2.535					185 544				
1870	927	2.568					183 358				
1	1028	2.596					167 974				
2	1530	2.665					236 390				
3	1574	2.658					236 371				
4	1599	2.603					227 974				
5	1631	2.573					211 057				
6	1690	2.057					368 762				
7	1782	2.323					167 650				
8	1782	2.309					164 268				
9	1872	2.255					167 874				
1880	1876	2.222					204 044				
1	1956	2.152					228 176				
2	2047	2.249					242 404				
3	2102	2.297					240 333				
4	2268	2.258					226 134				
5	2316	1.950					245 537				
6	2387	2.114					241 686				
7	2412	2.125					272 358				
8	2436	2.092					279 837				
9	2456	2.082					296 137				
1890	2501	2.077					311 403				
1	2573	2.054					309 016				

ORGANIZATION FOR RAILWAY MANAGEMENT.

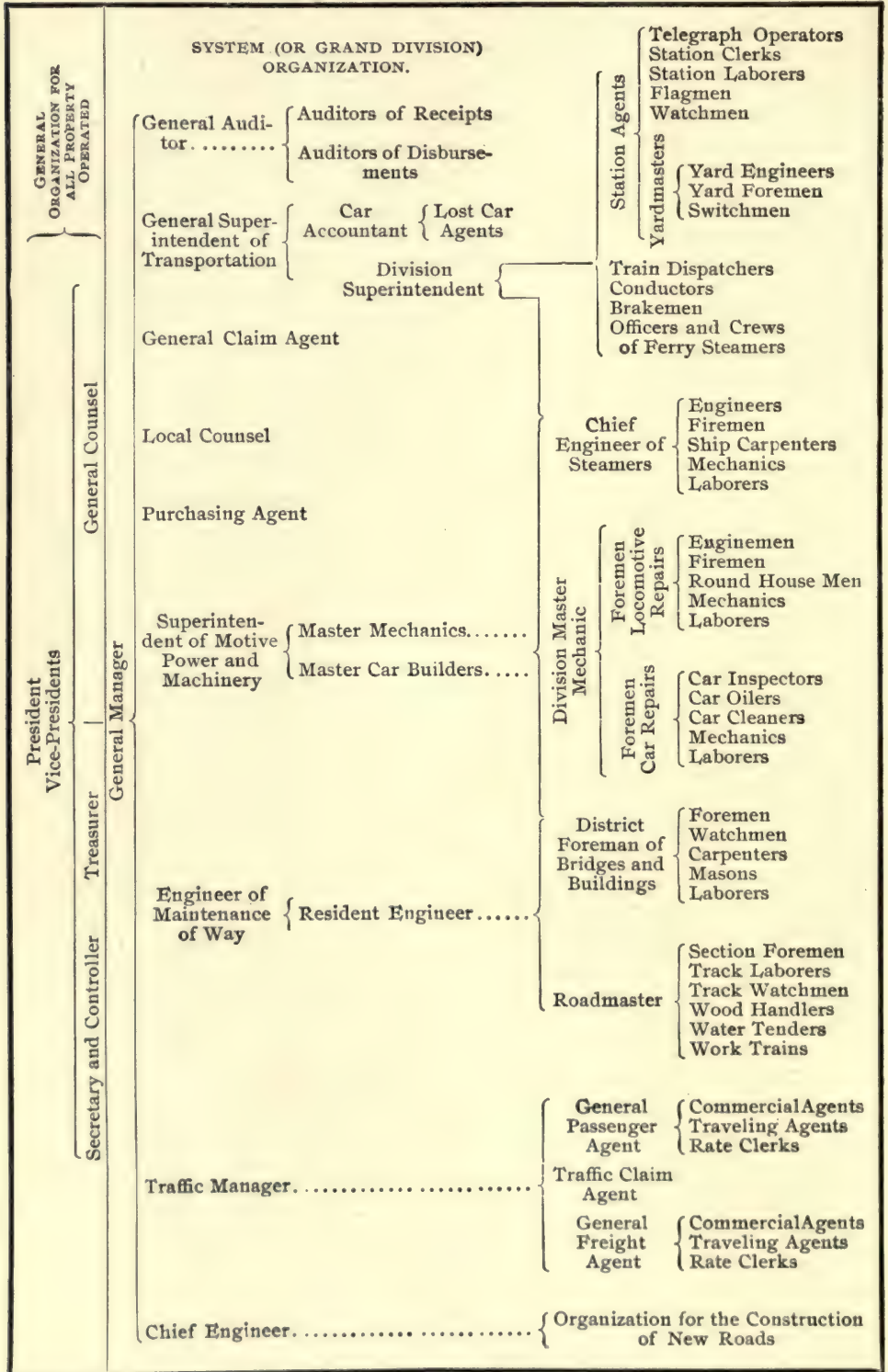
The limits of this article will not permit the discussion of methods of a railway from its inception; neither the skillful and arduous work required to interest capital, nor the engineering achievements connected with the work of construction can be here described. So great is the diversity in the physical characteristics of railways, the circumstances and conditions surrounding them, the capabilities for industrial development and support of population in the regions traversed (there being in 1890, for example, in Group 2, of the United States Interstate Commerce Classifications, from 82.19 to 184.89 people per square mile, while in Group 10 the population averages from .41 to 7.63 per square mile), that almost of necessity each railroad system has built up its own plans of management, and has an organization peculiar to itself, subject to various modifications as the mileage extends, and traffic increases in volume. For the Western roads of the United States, these changes have, in the last 20 years, been frequent, and still going on. It may be said that existing conditions do not tend to the development of the "all round railroad man." In the period from 1830 to 1870, when the railroad mileage of this country was slowly increased from 23 miles, in former year, to 52,922 miles, in latter year, railway properties were usually small, and the railway General Superintendent in that period was generally able to personally direct all the various details connected with the management of traffic operations and maintenance of the road, and keep in personal contact with its patrons.

Since railroad properties have been extended by new construction, and consolidation into great systems, the older methods have been abolished, and the natural tendency at this time is to divide the working forces into specialties. The management of the traffic proper, including all the rates and arrangements for transportation of freight and passengers connected therewith, is recognized as one of these specialties; another is the management of train and station service; another specialty is the maintenance of the rolling and floating stock; another, maintenance of way and structures.

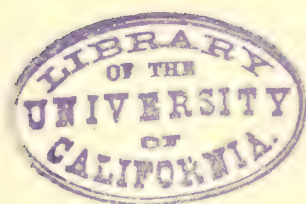
On the modern railway, so completely are the officers placed at the head of these different branches of service, engrossed in the duties appertaining thereto, that, whatever their abilities may be, little time is left them to acquire more than a good general knowledge of the methods of other and distinct branches of the service. The lines dividing these branches or departments cannot, in the nature of things, be sharply drawn, as all must work in harmony, and the keystone, so to speak, of a successful organization, is the officer who, whatever his nominal title may be, acts as the General Manager, and into whose hands general power of administration is strongly centralized. An outline of a railway organization, conforming to these requirements and capable of extension to cover systems or grand divisions of large railway properties, is indicated by the diagram, Plate 12. It is not presented as a perfect organization, but as fairly representing current average practice on well-managed Western railways.

PLATE 12.

OUTLINE DIAGRAM INDICATING GENERAL LINES OF RESPONSIBILITY IN A MODERN RAILWAY ORGANIZATION.





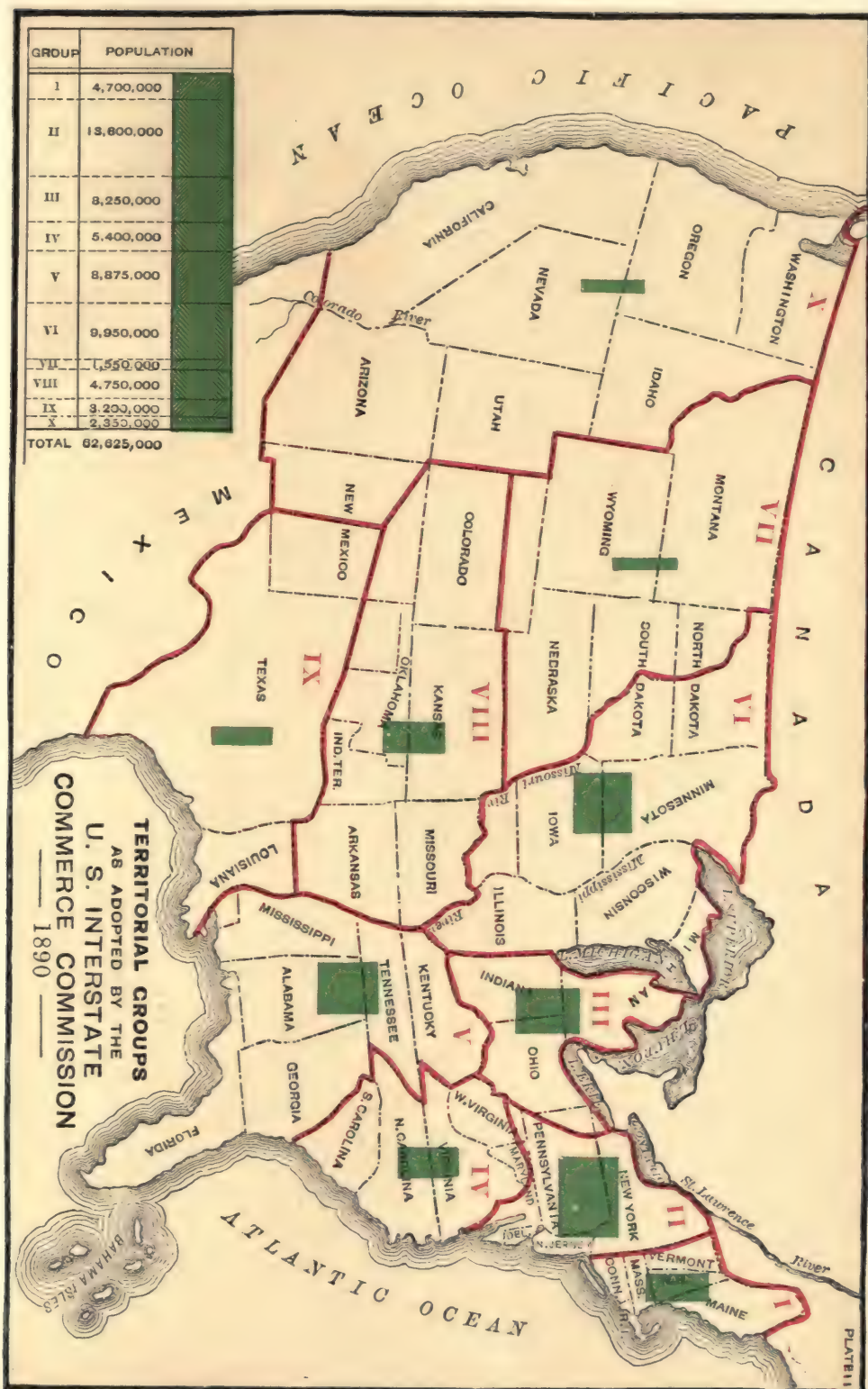


GROUP	NO. MILLIONS OF PASSENGERS CARRIED 1 MILE
I	1.734
II	8.156
III	1.709
IV	.973
V	.744
VI	1.912
VII	.408
VIII	.784
IX	.208
X	.681
TOTAL	11.847





DISTRIBUTION OF POPULATION IN THE UNITED STATES, FROM UNITED STATES CENSUS REPORTS, 1890.





RAILWAY EMPLOYEES.

As shown by the following tables from the Third Annual Report of the Statistician of the Interstate Commerce Commission, the total number of railway employees in the United States for the year ending June 30, 1890, was 749,301. If it be computed that each railway employee contributes to the support of four other persons, the total number of people deriving their subsistence directly from railway service may be set down in round numbers at 3,000,000. Allowing for employees of the express companies and other closely allied occupations, it may be estimated that, at the beginning of 1892, a round 3,500,000 people, equal to one out of every sixteen persons in the United States, are supported by railways.

Persons interested in this subject will find much information of value in the voluminous report on Railroad Labor, published, in 1889, by the United States Commissioner of Labor.

SUMMARY OF RAILWAY EMPLOYEES IN THE UNITED STATES, BY CLASS, AND PER 100 MILES OF LINE, FOR THE YEAR ENDING JUNE 30, 1890.*

CLASS.	1890.	
	Number.	Per 100 Miles of Line.
General Officers	5,160	3
General Office Clerks	22,239	14
Station Agents.....	25 665	16
Other Station Men.....	66,431	43
Enginemen.....	33,354	21
Firemen.....	34,634	22
Conductors.....	23,513	15
Other Trainmen.....	61,734	40
Machinists.....	27,601	18
Carpenters.....	37,936	24
Other Shopmen.....	80,733	52
Section Foremen.....	27,129	17
Other Trackmen.....	157,036	101
Switchmen, Flagmen and Watchmen.....	37,669	24
Telegraph Operators and Dispatchers.....	18,968	12
Employees' Account of Floating Equipment.....	6,199	4
All Other Employees and Laborers not Distributed.....	83,300	53
Total.....	749,301	479

*Henry C. Adams, Third Annual Report of Statistics in United States to the Interstate Commerce Commission.

FROM STATISTICS INTERSTATE COMMERCE COMMISSION.

DISTRIBUTION OF RAILWAY EMPLOYEES FOR THE YEAR ENDING JUNE 30, 1890,
BY GROUPS.

TERRITORY COVERED.	GENERAL ADMINISTRATION.		MAINTENANCE OF WAY AND STRUCTURES.		MAINTENANCE OF EQUIPMENT.		CONDUCTING TRANSPORTATION.		UNCLASSIFIED.	
	Number.	Per 100 Miles of Line.	Number.	Per 100 Miles of Line.	Number.	Per 100 Miles of Line.	Number Miles of.	Per 100 Miles of Line.	Number.	Per 100 Miles of Line.
Group I.....	1,941	26	14,159	191	7,842	106	29,189	393	6	....
Group II.....	4,324	25	38,542	224	30,576	177	69,548	404	58,136	337
Group III.....	3,662	17	28,881	138	21,708	104	52,815	253	13,299	64
Group IV.....	1,098	13	11,028	127	6,016	70	14,559	168	129	1
Group V.....	2,078	13	19,555	123	10,637	67	22,351	141	6,603	42
Group VI.....	5,057	13	36,941	97	22,791	60	48,014	126	24,331	63
Group VII.....	1,005	11	4,688	53	2,395	27	5,298	60	15,576	177
Group VIII.....	2,968	14	21,418	101	12,595	60	20,403	96	7,497	35
Group IX.....	1,130	14	9,830	123	4,396	55	8,883	111	5	....
Group X.....	1,385	13	10,325	102	4,447	44	9,241	91	.....	....
Total United States...	24,648	16	195,367	125	124,403	79	280,301	179	125,582	80

Railway management being intimately interwoven with social development generally, and in contact with all the great and perplexing questions connected with industrial progress, enjoys no immunity from the trials of conflict between capital and labor.

On the whole, wages paid railway employees in the United States have, from the beginning, averaged higher than the commonly established rates for analogous occupations in other branches of industry, being generally highest in the extreme Western States and Territories; as a rule, conservatism marks all negotiations between railway managers and employees, with respect to wages, and, to the credit of both, it may be said, that railway labor strikes, never frequent, are not increasing in number.

CONDUCTING TRANSPORTATION.

This branch of railway management covers the service of train, and station, and telegraph employees, and also the service of ferry steamers, locomotives, cars, and the miscellaneous operations connected therewith.

These instrumentalities being the more direct means for performing the public service of a railway, and the earnings of its revenue, are naturally and properly regarded by railway patrons as the most important branch of railroad service. The entire expense for conducting transportation is not more than 35% of the grand total expenses of railroad operation; other branches of the service and their demands upon the railroad earnings, aggregating the remaining 65% of expenses, do not readily manifest themselves to the casual observer. People merely having business with the station agents, with reference to shipment or receipt of freight, or with agents and conductors when they ride upon the trains, cannot be expected to understand and appreciate the expenses of maintaining the track, bridges, buildings, snow-sheds, tunnels, locomotives, cars, ferry steamers, and the vast amount of property which must be created and maintained, in order that trains may be run.

From these considerations undoubtedly comes the popular tendency to over-value the earnings, and under-estimate the expenses of a railway.

TRAIN SERVICE.

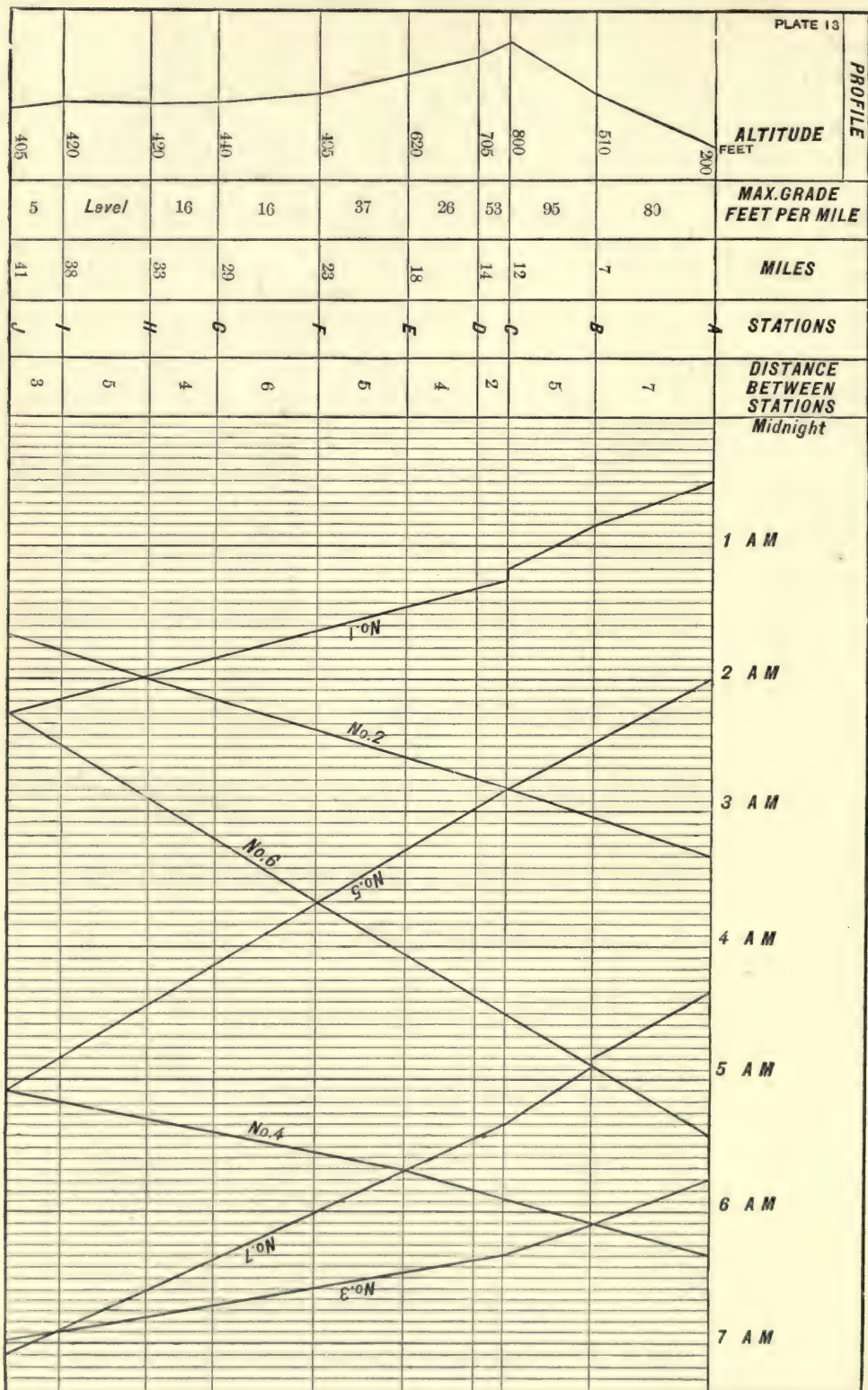
Though passenger specials and extra freight service, according to exigencies of business, are frequent, for the most part the movement of trains is regulated by a working time-table, which, being essentially the same as the tables distributed for public information, need not be here described. For convenience in preparing time-tables, a diagram or "time-board" is used, the form of which is indicated by Plate 13.

The vertical lines evenly spaced form the time scale; the horizontal lines, spaced proportionally to the distance, indicate relative position of stations; the diagonal lines represent train schedules. For example, train No. 5, as indicated on Plate 13, leaves station A:

At 2:00 A. M., passes
B 2:30 A. M.
C 2:50 A. M., meets No. 2.
D 3:00 A. M.
E 3:17 A. M.

F 3:41 A. M., meets No. 6.
G 4:08 A. M.
H 4:27 A. M.
I 4:50 A. M.
J 5:05 A. M., meets No. 4.

ONE CORNER OF A TIME TABLE DIAGRAM.



The movement of all trains regular, special and extra, is reported to a train dispatcher stationed in the office of the Division Superintendent. Three dispatchers are usually employed in each Superintendent's office, their joint twenty-four hours of duty being divided as nearly as may be, proportionately to the dispatching work done at different times of the day. Orders affecting movement of trains are made in accordance with prescribed forms and rules which may be epitomized as follows.

First.—That on each division the dispatcher on duty is the only person permitted to give orders directing movement of trains.

Second.—All orders must be in writing, must be brief, clear, and in language which cannot be misunderstood.

Third.—Preceding the transmission of an order, telegraphic signals must be exchanged between the dispatcher and receiving operator, indicating that signals are displayed to stop trains, and the receiving operator must transcribe the order on manifold paper, making the requisite number of copies at one writing; the order must then be repeated back to the dispatcher; if this re-transmission is correct, the dispatcher will reply, "O. K." Those to whom orders are addressed, excepting engine men, must read and sign their names, to certify correct understanding of the order. These signatures must be telegraphed to the dispatcher, who will then reply "complete."

The operator must then deliver the order; the conductor must then hand one copy to the engine man, who must read it aloud, and express to conductor his understanding of it before proceeding with the train. One copy of the order must be retained and filed by the receiving operator.

Fourth.—The dispatcher must keep, in a suitable book, a copy of all the train orders issued, and record movement of all trains on a telegraphic train register in form indicated by Plate No. 14.

Each train is in charge of the conductor, the engine man being held equally responsible with him for violation of rules and orders appertaining thereto. The rules and regulations for government of railway employees connected with the movement of trains, aggregating something over 500 in number, perfected by the American Railway Superintendent Association, and generally adopted by all railways in the United States, cannot be here reviewed in detail. It is sufficient to say that they have been formulated after extended discussion, and embody all requirements essential to safe operation.

In the following description of signaling, the train signals are as prescribed in Superintendent Association Code of Rules. For fixed signals the system briefly described conforms to best practice on leading railways.

DISPATCHES.
7:30 A. M. until 1:30 P. M.
1:30 P. M. " 10:30 "
From A. 10:30 " " 7:30 A. M.

A. B. RAILWAY DIV. NO. 1, TELEGRAPHIC TRAIN REGISTER.

18

Towards A.

SECOND CLASS				FIRST CLASS				TIME TABLE No.				FIRST CLASS				SECOND CLASS			

Signal Rules.

SIGNALS IN GENERAL.

1. Conductors, engine men, brakemen, firemen, station agents, telegraph operators, switchmen, switch-tenders, track foremen, road and bridge watchmen, and all others whose duties may require them to give signals, must provide themselves with the proper appliances, and keep them in good order, and always ready for immediate use.

2. Flags of the proper color must be used by day, and lamps of the proper color by night, or whenever from fog or other cause the day signals cannot be clearly seen.

3. *Red* signifies *danger*, and is a signal to stop.

4. *Green* signifies *caution*, and is a signal to go slowly.

5. *White* signifies *safety*, and is a signal to go on.

6. *Green* and *white* is a signal to be used to stop trains for passenger or freight at flag stations where agents are located.

7. *Blue* is a signal to be used by car inspectors.

8. An explosive cap or torpedo, placed on the top of the rail, is a signal to be used *in addition* to the regular signals. The explosion of *one* torpedo is a signal to *stop* immediately; the explosion of *two* torpedoes is a signal to *reduce speed* immediately, and look out for a danger signal.

9. A flag or lamp swung across the track, a hat or any object waved violently by any person on the track, signifies danger, and is a signal to stop.

TRAIN SIGNALS.

10. Each train, while running, must display two *green* flags by day, and two *green* lights by night, one on each side of the rear of the train, as markers, to indicate the rear of the train. Yard engines will not display markers. (See cuts 1, 2, 3, 6, 9, 10, 11, 12, 14, 15.)

11. Each train running after sunset, or whenever obscured by fog or other cause, must display the head-light in front, and two or more *red* lights in the rear. Yard engines must display two *green* lights instead of *red*, except when provided with a head-light on both front and rear. (See cuts 6, 10, 14, 15.)

a. In addition to two *red* lights in rear, when running at night, passenger trains will display red tail light from center of platform, and freight trains will display a cupola light. (See cuts 6, 17.)

12. Each car on a passenger train, while running, must be in communication with the engine. In the absence of an equivalent appliance, a bell-cord must be attached to the signal bell of the engine, passing through or over the entire length of the train, and secured to the rear end of it.

13. Two *green* flags by day and night, and, in addition, two *green* lights by night, displayed in the places provided for that purpose on the front of an engine, denote that the train is followed by another train, run-

ning on the same schedule and entitled to the same time-table rights as the train carrying the signals. (See cuts 2, 5, 8, 12, 14.)

14. Two *white* flags by day and night, and, in addition, two *white* lights by night, displayed in the places provided for that purpose on the front of an engine, denote that the train is irregular. These signals must be displayed by all irregular trains, but not by yard engines. (See cuts 9, 15, 16.)

a. *White* signals carried by an engine confer no time-table or other rights, but are simply for information of all interested.

b. When an engine is running backward, the signals provided for in Rules Nos. 13 and 14 must be displayed in the same *position* on the engine as when running forward, and, in addition, the engine must carry a *white* light on rear of tender over center of track. (See cut 1.)

15. A *blue* flag by day, and a *blue* light by night, placed on the end of a car, denote that car inspectors are at work under, or about the car or train. The car or train thus protected must not be coupled to, or moved, until the blue signal is removed by the car inspectors. When a car or train, standing on a siding, is protected by a blue signal, other cars must not be placed in front of it so that the blue signal will be obscured, without first notifying the car inspector, that he may protect himself, and not then until the signal is removed.

a. A *blue* signal will also be used at night by car inspectors, when examining the automatic brakes, to signal the engine men from the rear of train to apply or to release the brakes, "stop" signal meaning "apply", "go-a-head" signal meaning "release".

WHISTLE SIGNALS.

16. One *long* blast of the whistle is the signal for approaching stations, railroad crossings, and junctions (thus, ———).

17. One *short* blast of the whistle is the signal to apply brakes—stop (thus, —).

18. Two *long* blasts of the whistle is the signal to throw off the brakes (thus, ——— ———).

19. Two *short* blasts of the whistle is an answer to any signal, except "train parted" (thus, — —).

a. This signal must be promptly given whenever two taps of the cab bell are heard (see Rule 29), or any signal, and especially flag signals, are seen. (See Rule 45.)

b. Two *short* blasts of the whistle, sounded three times (thus, — — — — —), is a signal that brakes are sticking.

20. Three *long* blasts of the whistle (to be repeated until answered as provided in Rule No. 39), is a signal that the train has parted (thus, ——— ——— ———).

21. Three *short* blasts of the whistle when the train is *standing* (to be repeated until answered, as provided in Rule No. 38, is a signal that the train will back (thus, — — — — —).

22. Four *long* blasts of the whistle (thus, ——— ——— ——— ———), is the signal to call in the flagman from the west.

a. Four *long*, followed by one *short* blast of the whistle (thus, ——— ——— ——— ——— —), is the signal to call in flagman from the east.

23. Four *short* blasts of the whistle is the engine men's call for signals from switch-tenders, watchmen, agents, trainmen, and others (thus, — — — —.)

24. Five *short* blasts of the whistle is a signal to the flagman to go back and protect the rear of the train (thus, — — — — —).

a. When a freight train is *running*, engine men must give *three short* blasts of the whistle and repeat (thus, — — — — —), before entering tunnels, covered bridges, snow sheds, or passing under low bridges, to warn men on the train to keep clear of danger.

25. One *long*, followed by two *short* blasts of the whistle, is a signal to be given by trains on a single track, when displaying signals for a following train, to call the attention of trains of the same or inferior class to the signals displayed (thus, — — — — —).*

a. Conductors and engine men must look for, and take notice of all signals carried by other trains. Engine men carrying *green* or *white* signals must see that their whistle is properly answered as per Rule No. 19. If it is not, they must stop at once and notify their conductor, who must ascertain the reason and report same to Superintendent at the next telegraph station. Conductors of trains carrying signals must stop, if necessary, and be certain that the signals are understood by others concerned. When two engines or trains meet, both carrying signals, each will give the whistle signal and the answer.

26. Two *long*, followed by two *short* blasts of the whistle, is the signal for approaching road crossings at grade (thus, — — — — —).

a. Irregular trains, and regular trains behind time, must sound this signal repeatedly in obscure places to warn section and bridgemen. The same precaution must be used in fogs and snow storms.

27. A succession of *short* blasts of the whistle is an alarm for persons or cattle on the track, and calls the attention of trainmen to dangers ahead.

BELL CORD SIGNALS.

28. One tap of the signal bell, when the train is *standing*, is the signal to start.†

29. Two taps of the signal bell, when the train is *running*, is the signal to stop at once.

30. Two taps of the signal bell, when the train is *standing*, is the signal to call the flagman.†

31. Three taps of the signal bell, when the train is *running*, is the signal to stop at the next station.

32. Three taps of the signal bell, when the train is *standing*, is the signal to back the train.†

33. Four taps of the signal bell, when the train is *running*, is the signal to reduce speed.

34. When one tap of the signal bell is heard, while a train is *running*, the engine man must immediately ascertain if the train is parted, and, if so, be governed by Rule No. 20.

35. Signals of the same number of sounds shall have the same significance when given by other appliances than bell cord and signal bells.

*This signal to be answered as per Rule No. 19.

†These bell cord signals must not be given by conductors except in cases of emergency.

LAMP SIGNALS.

36. A lamp swung across the track is the signal to stop.
37. A lamp raised and lowered vertically is the signal to move ahead.
38. A lamp swung vertically in a circle across the track, when the train is *standing*, is the signal to move back.
39. A lamp swung vertically in a circle at arm's length across the track, when the train is *running*, is the signal that the train has parted.
40. A flag, or the hand, moved in any of the directions given above, will indicate the same signal as given by a lamp.
41. Fixed signals are placed at junctions, railroad crossings, stations, and other points that require special protection.

RULES GOVERNING THE USE OF SIGNALS.

42. A signal imperfectly displayed, or the absence of a signal at a place where a signal is usually shown, must be regarded as a danger signal, and the fact reported to the Superintendent.
 43. The unnecessary use of the whistle is prohibited; when necessary in shifting at stations and in yards, the engine bell should be rung, and the whistle used only when required by rule or law, or when necessary to prevent accident.
 44. The whistle must not be sounded while passing a passenger train, except in cases of emergency or danger, or when required by the rules.
 45. When a danger signal (except a fixed signal) is displayed to stop a train, it must be acknowledged as provided in Rule No. 19.
 46. The engine bell must be rung before starting a train, and when running through tunnels and the streets of towns and cities.
 47. The engine bell must be rung for a quarter of a mile before reaching every road crossing at a grade, and until it is passed; and the whistle must be sounded at all whistling posts.
 48. When two or more engines are coupled to the head of a train, each of the engines shall display the signals as provided in Rules Nos. 13 and 14; but the leading engine only shall call attention to and answer signals, as per Rule No. 25.
 49. One flag or light displayed as a classification signal will be regarded the same as if two were displayed; but conductors and engine men will be held responsible for the proper display of all train signals.
 50. When a train is being pushed by an engine (except when shifting and making up trains in yards), a *white* light must be displayed on the front of the leading car (over the center of the track) at night, or when the train is obscured by fog or other cause. (See cuts 4, 13, 18.)
 51. When a train turns out to meet or pass another train, the *red* lights must be removed, and *green* displayed as soon as the track is clear; but the *red* must again be displayed before returning to its own track. (See cuts 7, 17.)
- Headlights on engines, when on side tracks, must be covered as soon as the track is clear and the train has stopped, and also when standing at the end of double track.
- a. In case there is more than one train to take the siding, the engine man of the first train must not cover his headlight until all trains are on the siding, and the switches set for the main track. The conductor of the train

LAMP AND HAND SIGNALS.

See Rules 36 to 40.



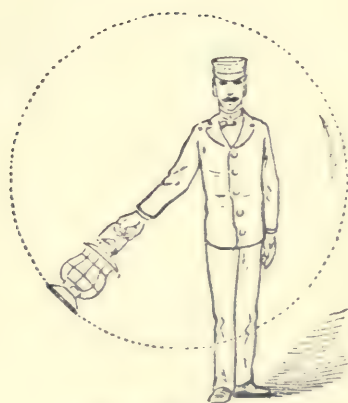
STOP.



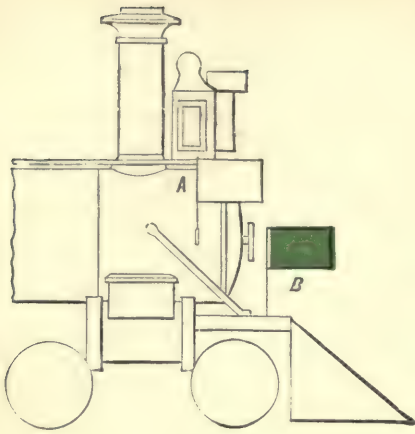
GO AHEAD.



BACK UP.



TRAIN HAS PARTED.



1

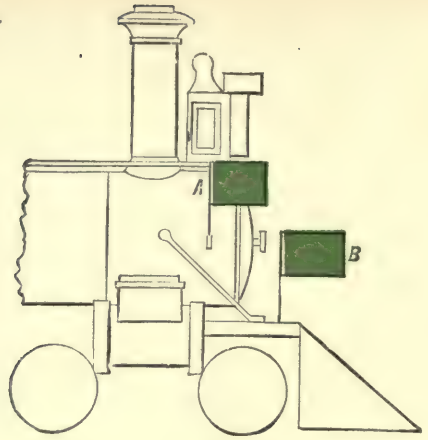
LOCOMOTIVE RUNNING BACKWARD
AS AN IRREGULAR TRAIN BY DAY
WITHOUT CARS, OR PUSHING
CARS.

White flag at A and Green flag at B.

White flag at A as classification signal.

Green flag at B as marker.

(See Rules 10 and 14b.)



2

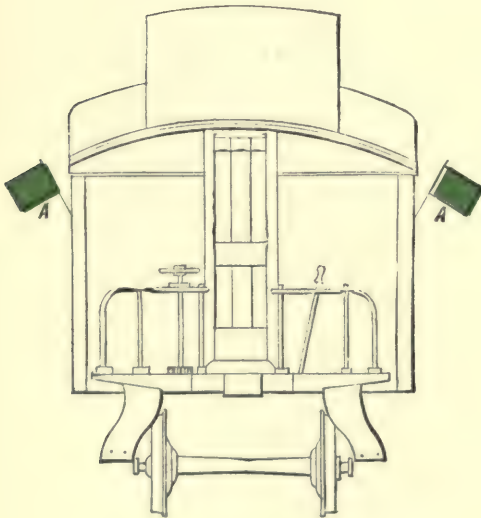
LOCOMOTIVE RUNNING BACKWARD
BY DAY WITHOUT CARS, OR PUSH-
ING CARS, AND CARRYING SIG-
NALS FOR TRAIN FOLLOWING.

Green flags at A and B.

Green flag at A as classification signal.

Green flag at B as marker.

(See Rules 10 and 13.)

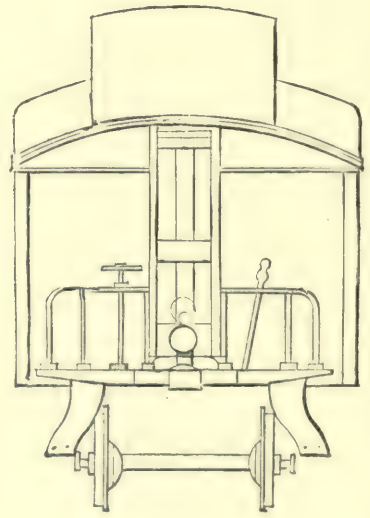


3

REAR OF TRAIN BY DAY.

Green flags at A A, as markers, to indicate
rear of train.

(See Rule 10.)

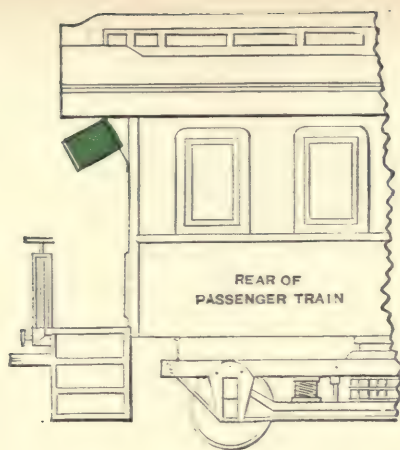


4

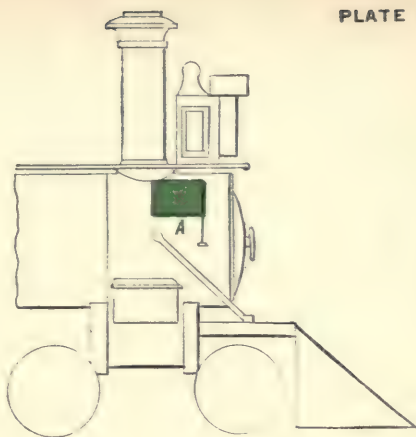
PASSENGER TRAIN BEING PUSHED
BY AN ENGINE BY NIGHT.

White light on front of leading car.

(See Rule 50.)



5

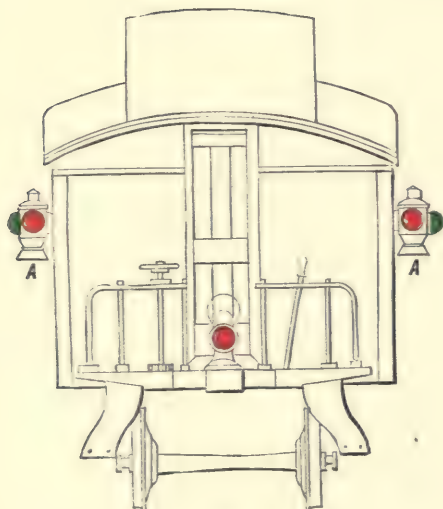


5

TRAIN RUNNING FORWARD BY DAY CARRYING SIGNALS FOR TRAIN FOLLOWING.

Green flag at A as classification signal.

(See Rule 13.)

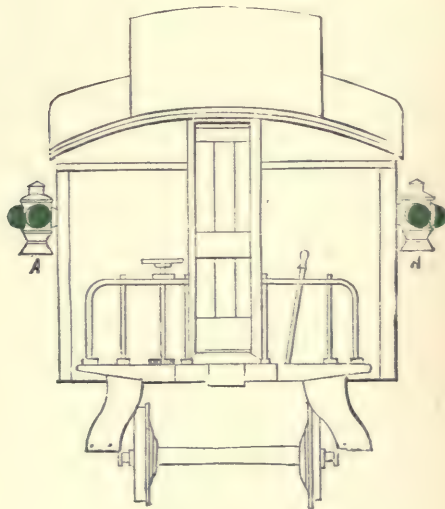


6

REAR OF PASSENGER TRAIN BY NIGHT
WHILE RUNNING.

Combination lights at A A, as markers, showing Green toward engine and at side, and Red to rear; also Red light at center of platform.

(See Rules 10, 11 and 11a.)

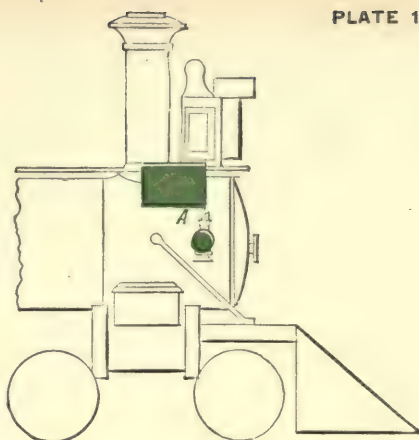
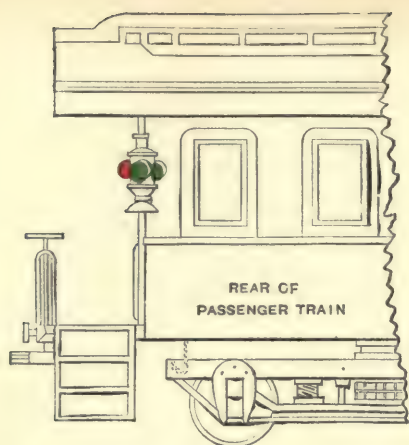


7

REAR OF PASSENGER TRAIN BY NIGHT
WHEN ON SIDING.

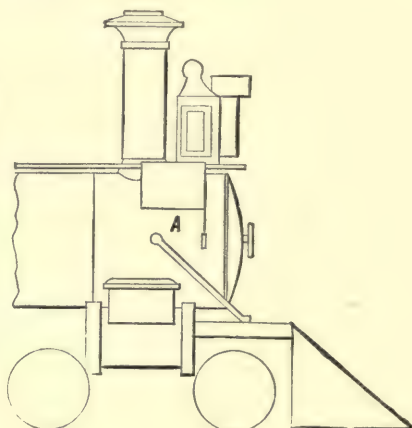
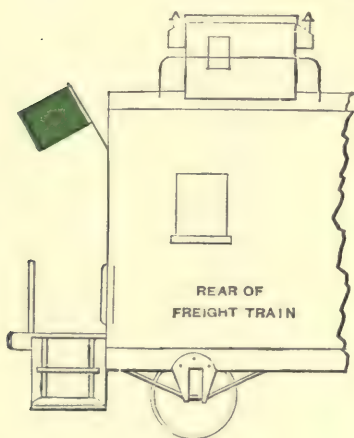
Green lights at A A.

(See Rule 51.)



8

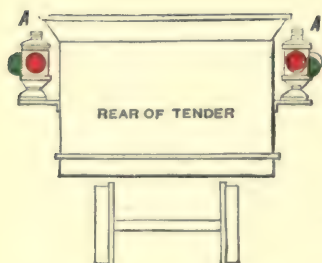
TRAIN RUNNING FORWARD BY NIGHT CARRYING SIGNALS FOR TRAIN FOLLOWING.
Green flag and light at A as classification signals.
(See Rule 13.)



9

9

AN IRREGULAR TRAIN RUNNING FORWARD BY DAY.
White flag at A as classification signal.
Green flag at rear as marker
(See Rules 10 and 14.)

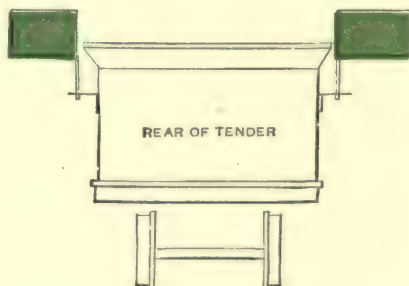


10

LOCOMOTIVE RUNNING FORWARD WITHOUT CARS BY NIGHT.

Combination lights, as markers, at A A, showing Green front and side and Red at back.

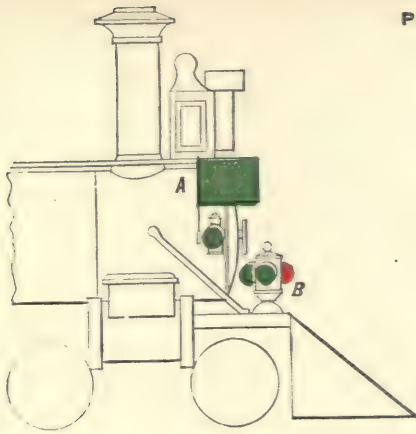
(See Rules 10 and 11.)



11

LOCOMOTIVE RUNNING FORWARD BY DAY WITHOUT CARS.

Green flags by day as markers
(See Rule 10.)



12

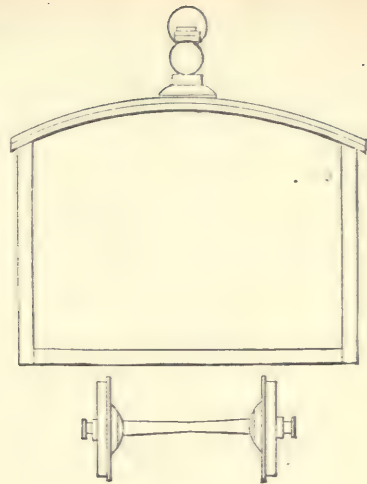
LOCOMOTIVE RUNNING BACKWARD BY NIGHT WITHOUT CARS, OR PUSHING CARS, AND CARRYING SIGNALS FOR TRAIN FOLLOWING.

Green flag and light at A and combination light at B.

Green flag and light at A as classification signals.

Combination light at B as marker, showing Green on side and in direction engine is moving, and Red in opposite direction.

(See Rules 10 and 13.)

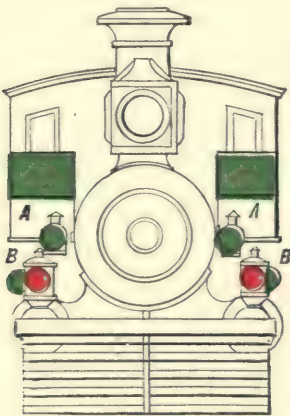


13

FREIGHT TRAIN BEING PUSHED BY AN ENGINE BY NIGHT.

White light on front of leading car

(See Rule 50.)



14

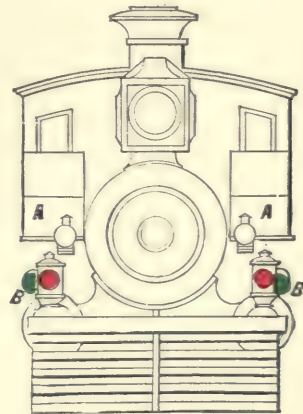
LOCOMOTIVE RUNNING BACKWARD BY NIGHT WITHOUT CARS, OR PUSHING CARS, AND CARRYING SIGNALS FOR FOLLOWING TRAIN.

Green flags and lights at A A, and combination lights at B B, showing Green on side and in direction engine is moving, and Red in opposite direction.

Green flags and lights at A A as classification signals.

Combination lights at B B as markers.

(See Rules 10, 11 and 13.)



15

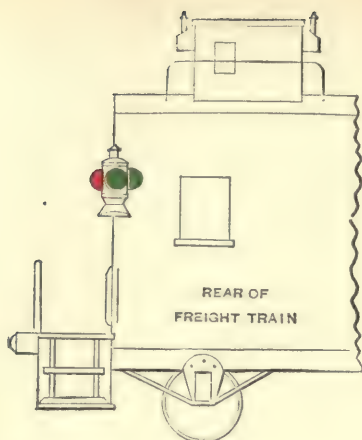
LOCOMOTIVE RUNNING BACKWARD AS AN IRREGULAR TRAIN BY NIGHT WITHOUT CARS, OR PUSHING CARS.

White lights at A A, Combination at B B, showing Green on side and in direction engine is moving, and Red in opposite direction.

White flags and lights at A A as classification signals.

Combination lights at B B as markers.

(See Rules 10, 11 and 14.)



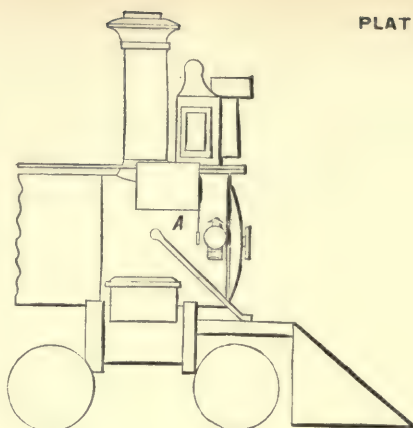
16

AN IRREGULAR TRAIN RUNNING FORWARD BY NIGHT.

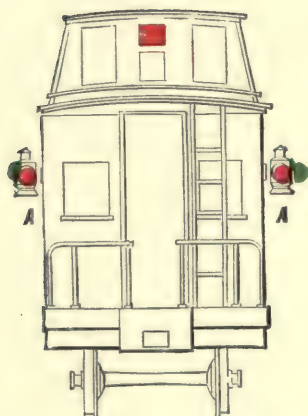
White flag and light at A as classification signals.

Combination lights at rear as markers.

(See Rule 14.)



16

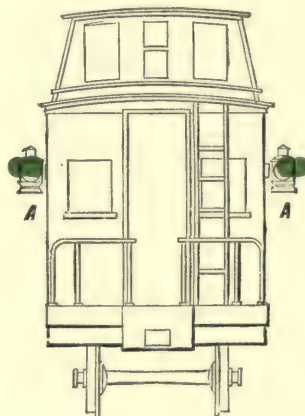


17

REAR OF FREIGHT TRAIN BY NIGHT
WHILE RUNNING.

Combination lights at A A, as markers,
showing Green toward engine and at side,
and Red to rear; also Red cupola light.

(See Rules 10, 11 and 11a.)

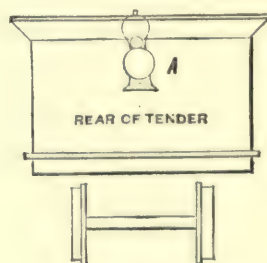


17

REAR OF FREIGHT TRAIN BY NIGHT
WHEN ON SIDING.

Green lights at A A.

(See Rule 51.)



18

LOCOMOTIVE RUNNING BACKWARD BY
NIGHT.

White light at A.

(See Rule 50.)

last taking the siding must see that the engine man of the head engine is duly notified, and in such a manner as not to be misunderstood, when his train is all in and the track clear, so that the headlight may be covered without delay. The main track will be considered obstructed while the headlight is shown; but this will not relieve conductors from protecting their trains by flags.

52. The combined *green* and *white* signal is to be used to stop a train only at the flag stations (where there are agents) designated by the schedule of that train. When it is necessary to stop a train at a point that is not a flag station for that train, a red signal must be used.

a. Any train that by rule should stop at a station where there is no agent, on passenger or freight business, will do so upon seeing *any signal designed to attract attention*, like the displaying of a white light at night, the waving of a handkerchief, or hat, or hand, in the daytime, or the appearance of persons standing about at the stopping place, seemingly waiting to transact business with the train. A *red* light, the signal of danger, is not necessary, and its use for such purpose is prohibited.

53. *White* signals must be used by watchmen, at public road and street crossings, to prevent persons and teams from crossing when trains are approaching. Danger signals must be used only when necessary to stop trains.

54. Torpedoes must not be placed near stations or road crossings, where persons are liable to be injured by them.

55. All signals must be used strictly in accordance with the rules, and trainmen and engine men must keep a constant lookout for signals.

Lamp and hand signals, as described in rules here numbered 36 to 40, are illustrated on Plate No. 15, and train signals on Plates Nos. 16, 16A, 16B, 16C and 16D.

FIXED SIGNALS.

The semaphore form of signals, which is an arm projecting from a post, is one of the oldest forms of railway signals; many different forms of signals have been used in the United States, but the best practice, and the one now most generally followed, prescribes the semaphore form. On double track railways, and where practicable on single track lines, the semaphore blade invariably points outward from the post toward the right hand side of track which the signal governs. At junctions or entrance points to the side tracks, where more than one blade is placed on a post, the top blade invariably refers to the extreme right hand route; next lowest blade to the next route or track to the left, and so on, the extreme lower blade having reference to the track on the extreme left. The form and significance of the semaphore signal commonly used, is clearly indicated on Plate No. 17.

Station signal used in connection with a block signal system to signal trains, or in connection with telegraphic train orders, is illustrated on Plate No. 18.

On double track lines, where trains are run closely following each other, some form of block signal is commonly employed, the track being divided into short sections; signals placed at each end of such sections are operated automatically by train or by signal men, stationed in towers communicating with each other by wire, their harmony of action being secured by suitable electrical devices.



PLATE 17.

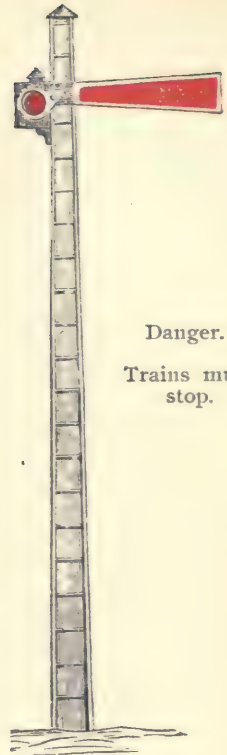
STATION SEMAPHORE SIGNAL.

All clear.
Trains may proceed.

HOME
SIGNALS.



Danger.
Trains must stop.

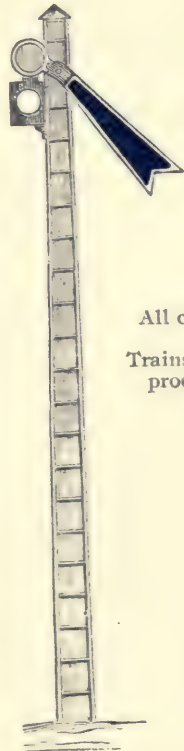


Caution.
Trains may proceed to
next signal post.

DISTANT
SIGNALS.



All clear.
Trains may
proceed.



In the absolute block system, when the train enters one of these sections of track, the signal at the entrance point to section is placed to stop following trains, and remains at the danger until the train has passed entirely out of the section. In the permissive block system, the following train is permitted to enter the section, being required to run slowly until it reaches a section displaying "all clear" signal. At more important junctions, and terminal stations of heavily worked roads, signals interlocked with the switches connecting different tracks are controlled by signal men operating interlocking machines in signal towers, the switches and signals being so interlocked with each other, that should the tower man, by mistake, move the wrong lever, he might, as a result, delay train movement, but could not thereby endanger it, as all movements must be in a prescribed order; if a signal is required to permit the passage of a train from one track to another, all of the switches involved in such movement must first be set in proper position, and all conflicting signals which would give permission for another train to pass over the same route, must be set at danger, before the signal for the desired movement can be lowered to the "all clear" position. This is effected by several forms of interlocking machines; the electro pneumatic system of the Union Switch and Signal Company, whereby the movement of switches accomplished by compressed air, and of signal by combination of compressed air and electrical appliances, is in common use; an interlocking machine of this system is illustrated by Plate No. 19. Plate No. 20 shows the exterior of an interlocking switch and signal tower. The fundamental rules for design and operation of interlocked switches and signals are clearly illustrated by the Union Switch and Signal Company's plan for the protection of railway crossings at grade, here following.

DESCRIPTION OF THE UNION SWITCH AND SIGNAL CO'S APPARATUS.

This system insures absolute safety of trains passing over railroad grade crossings at speed

By referring to the accompanying plan (see Plates Nos. 21 and 21A), it will be observed that switches W, X, Y, Z, are placed in their respective tracks from two hundred to three hundred feet from the crossing, depending upon the grade; fifty feet, more or less, from the switches W, X, Y, Z, are placed the home signals Nos. 2, 3, 6, and 7; and from these, one thousand to two thousand feet away, are placed the distant signals Nos. 1, 4, 5, and 8.

A signalman's cabin, located at the crossing, contains either a Saxby and Farmer, a Hambay, a Hydraulic or a Pneumatic Interlocking Apparatus, which is connected to the switches and signals in such a manner that it is physically impossible to set switches W and X for main line, or clear signals 1 and 2, or 3 and 4, unless switches Y and Z, in opposing tracks, are set to derail the train or for siding, and signals 5 and 6 and 7 and 8 are set at danger.

A mile or more from the crossing, short sections of the tracks (a, b, c, d,) are insulated, and the nearest end connected by wire to annunciators in the cabin, whereby notice of the approach of trains is given to the operator.

In addition to the mechanical interlocking on the apparatus, the levers of the machine are electrically locked in such a manner that the operator is powerless to change any of the switches after a train has received a clear distant signal until said train has passed entirely over the crossing, and clear of all danger from the other tracks. He can, however, place the signals to danger behind the train to stop a following one.

The manner of operation is this: A train approaching from "A," passing over insulated section of track at "a," rings a bell and drops an indicator in cabin announcing its

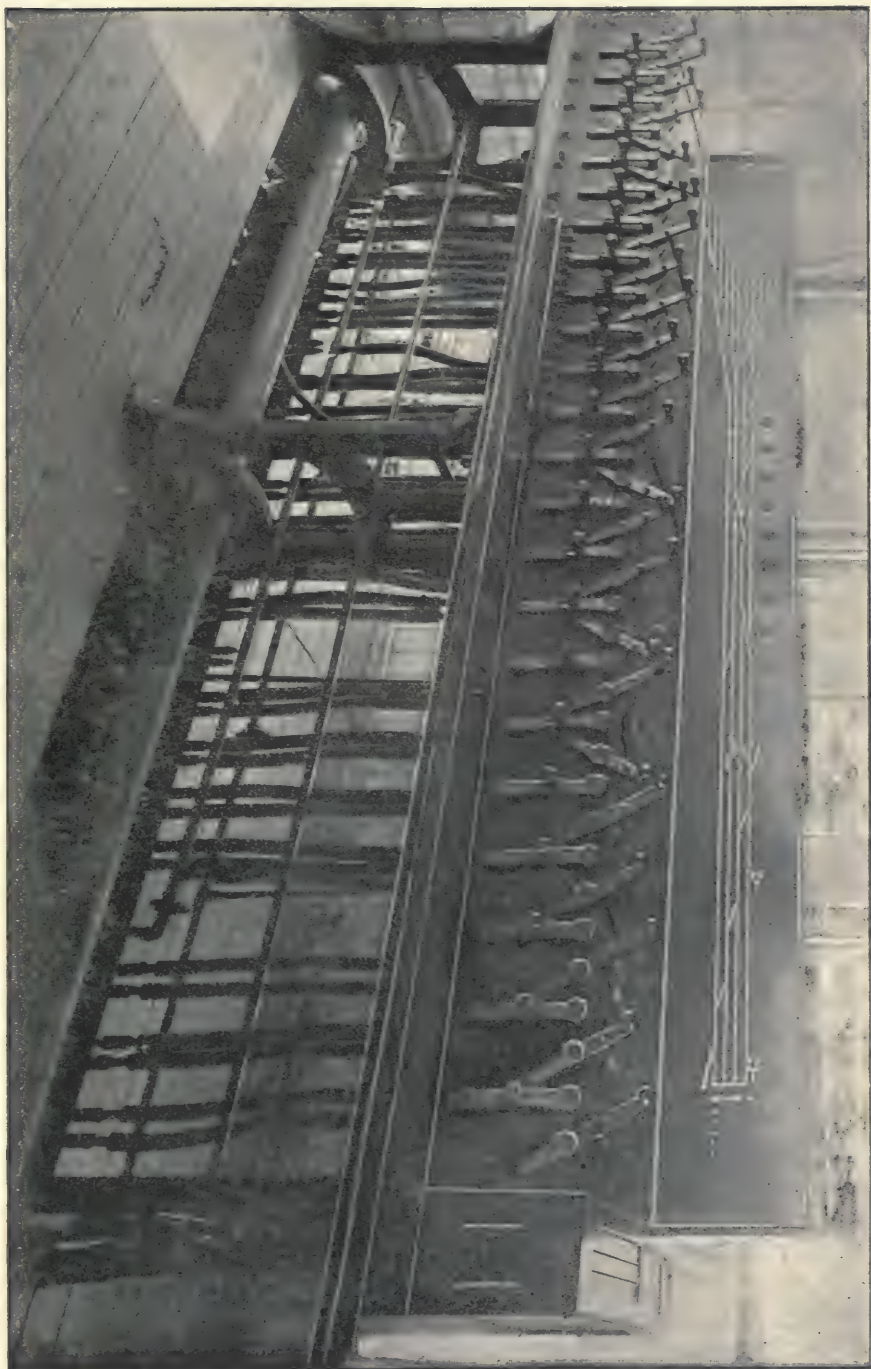


PLATE 19.

INTERLOCKING SWITCH MACHINE.

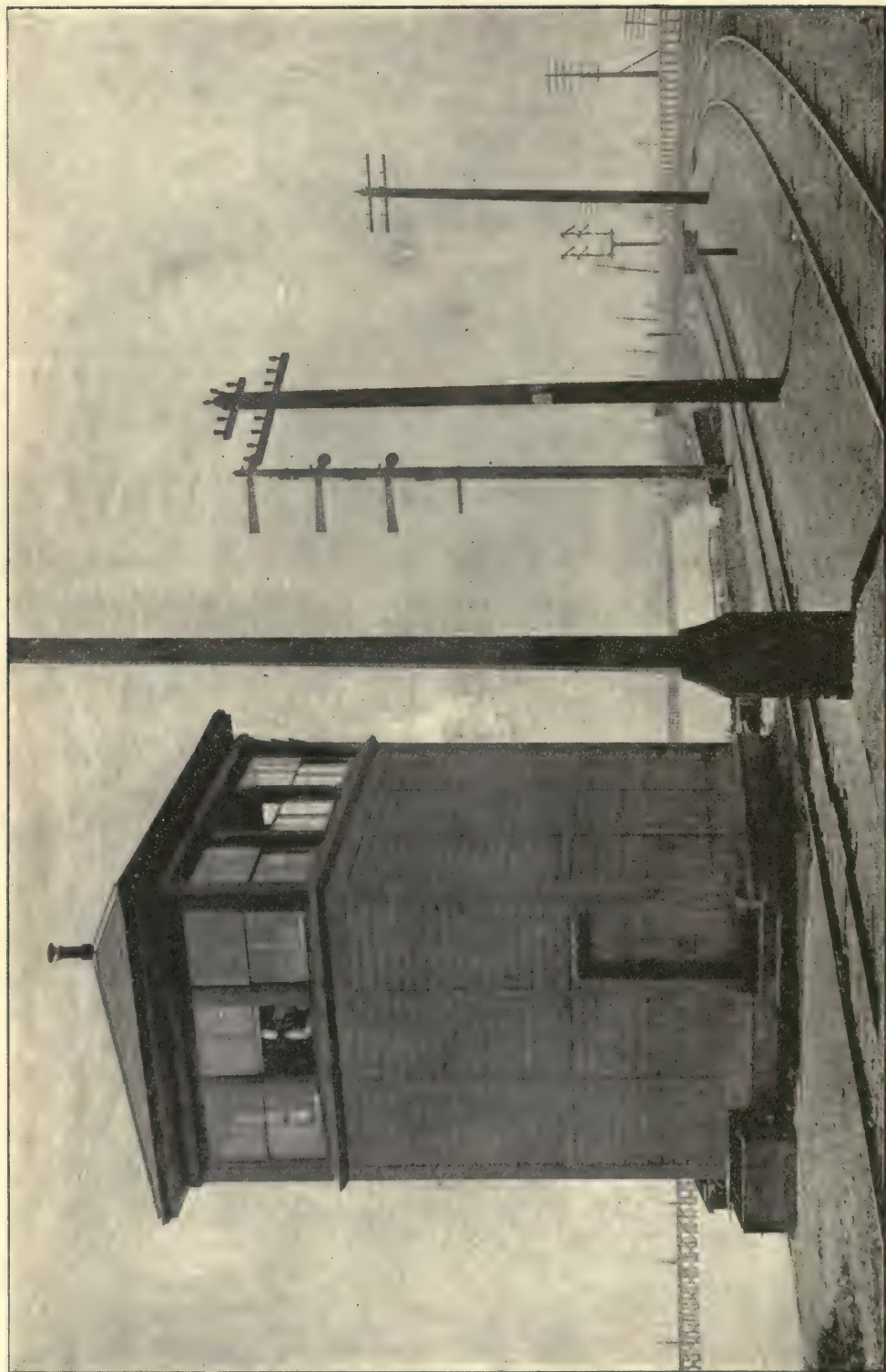


PLATE 20.

SEMAPHORE SIGNAL AND TOWER.

approach, and if there is no train on the crossing road to which the right of way has been given, the operator sets switches W and X to main line, and clears signal No. 2 and then signal No. 1, which cannot be accomplished, however, unless the switches Y and Z are first set to derail, and their corresponding signals at danger.

The train approaching distant signal No. 1, and finding it clear, is assured that signal No. 2 is clear also, and switches W and X set right for its passage over the crossing, and all conflicting signals are at danger, and locked in that position. This being the case, the train arriving at signal No. 1 automatically locks by electricity everything in this condition excepting signals Nos. 1 and 2, which can be put to danger after engine has passed, to stop a following train, if desired. When rear of train has passed the danger point, it releases the electric locks above referred to; the operator having put signals on tracks A and B to danger, and set switches W and X for siding, can let a train over crossing from C or D by setting switches Y and Z for main line, and clearing signals 5 and 6, or 7 and 8 (depending upon the direction in which the train is coming). When the train arrives at signal 5 or 8, the same electric locking takes place as on the other track.

Should a train come from A or B while one is crossing from C or D, signal 1 or 4 will be found at danger, which will insure No. 2 or 3 being also at danger, and switches W and X, or set for siding or derail, and the train must come to a stop before passing signal 2 or 3. In this case, when signals are at danger, no electric locking takes place; but when the train on the crossing has unlocked the levers, and movements of them have been performed so that switches W and X are set for the main line, and signal 2 or 3 cleared, the train from A or B immediately locks the levers, and they cannot be changed until rear of train has passed the crossing.

The automatic electric locking of the levers by the presence of a train upon the rail after receiving a clear signal, is considered one of the most important features, as it renders mistakes by the operator absolutely impossible.

STATION SERVICE.

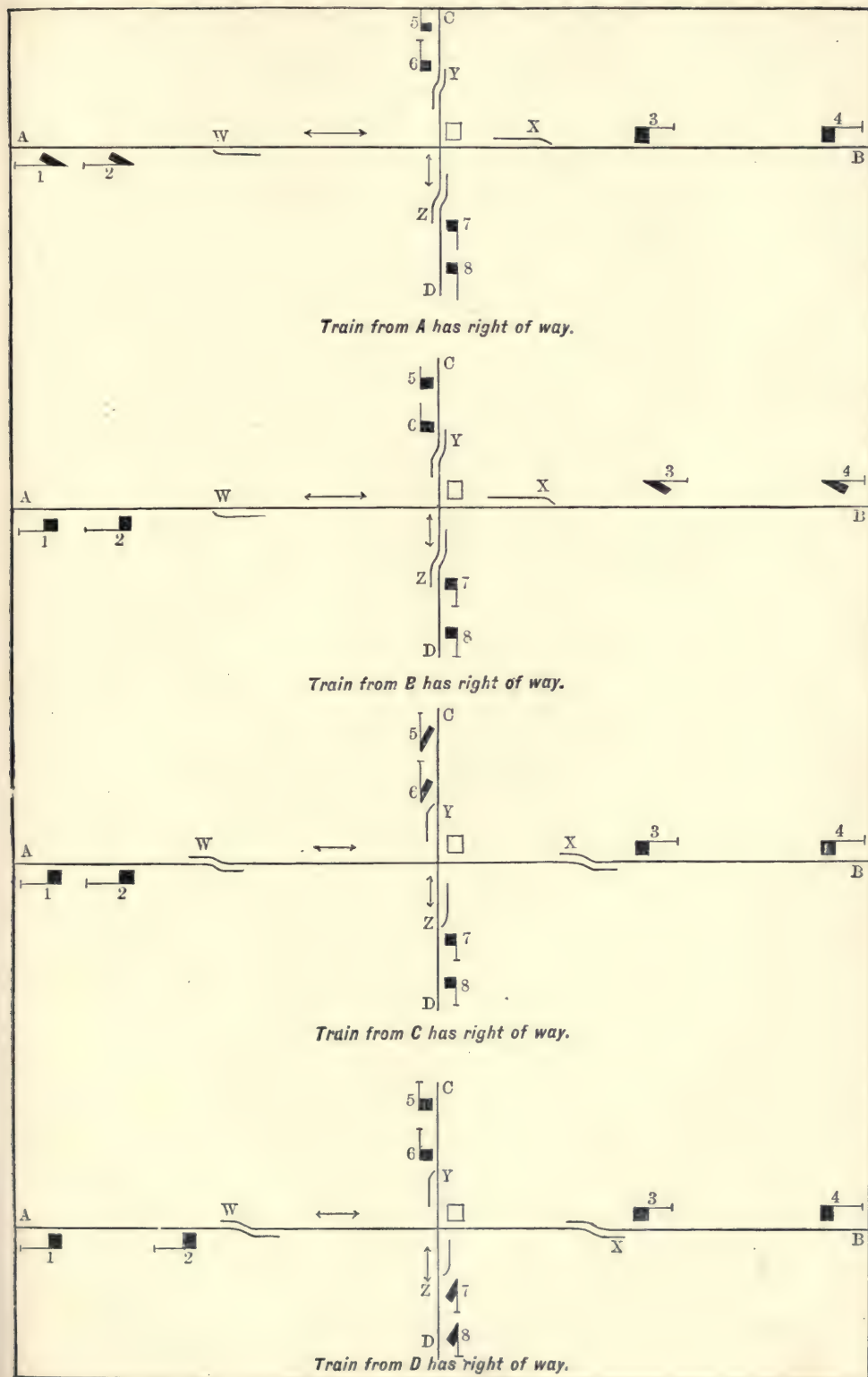
The station agent is the chief intermediary between the public and the railway managers. His duties are multifarious; his responsibilities, many. The demands of the former upon him, always exacting, are often harsh, and sometimes unreasonable. The lines of his company's requirements in transportation, operating traffic, counting and treasury, and other offices, converge to him, the rules prescribed by all departments for conducting his business being many hundreds in number. His every act is subject to criticism by some patron, and review by a superior in some office; every application of a transportation rate in the sale of a ticket, or the making of a way-bill, and every computation based thereon, is verified at the general office.

The popularity of a road depends greatly upon the good sense, patience and diplomacy of its station agents. To the majority of people doing business at a station, an agent completely represents his company, and its policy is largely judged by what he does, and his manner of doing it. All things considered, the most important duty of station agents is to please the company's patrons by prompt and diligent attention to their demands, allowing no good cause for complaint to crystallize into a grievance, always regarding it as an important duty to report all public requirements, which they are not empowered to consider and pass upon, to their managing officers.

Railway companies and their patrons always get along well together when able to maintain a good understanding of their respective rights and privileges.

PLATE 21.





MAINTENANCE OF WAY AND STRUCTURES.

This branch of railway management covers the service of trackmen, water supply men, and mechanics and laborers connected with the bridge and building trades, the typical organization being as outlined in diagram Plate 9.

The cost of this branch of the service averages about 15½% of the total expense of railway operation. For their current annual requirements, it may be estimated that railways of the United States use, for maintenance of tracks, bridges, buildings, tunnels, snow sheds and telegraph lines, 1,000,000 tons of steel rails, and 3,000,000,000 feet, board measure, of timber in shape. Estimating the cost of a steel rail on cars at the works at \$30 per ton, and lumber on cars at the sawmill or nearest delivery point at \$12 per thousand feet, board measure, it appears that railroads of the United States yearly contribute, for maintenance requirements alone (not counting in cost of materials required for construction of new lines), \$30,000,000 to the industries supplying steel rail, and \$36,000,000 for purchase of forest products.

The total expense, under this heading, for all railways in the United States reporting to the Interstate Commerce Commission, year ending June 30, 1890, was \$152,718,837.

"Eternal vigilance" is the price of safety and efficiency for the maintenance of a good track, which is the foundation of good railroading. The operation of destructive forces is constant, emergencies of many kinds not infrequent, continually requiring from the officers and employees, in this branch of railway service, the exercise of sound discretion and good judgment.

Those interested in this general subject are referred to the rules defining methods and fixing standards, as prescribed by the various railway companies, but which cannot be here reviewed in detail.

The minimum weight of steel rail now commonly used in the United States is 60 pounds per yard (94.28 tons of 2240 pounds per mile). Rails weighing 75 pounds per yard (117.86 tons per mile) are extensively used, and considerable track is laid with rails weighing 80 pounds or more per yard.

Metal cross-ties have been little used in the United States and Canada. About 13% of the total track mileage in other countries of the world are laid with metal ties, and their use in those countries is slowly extending. Wooden cross-ties are subject to failure by decay, and by crushing out of the wood fibers under the rail. A considerable mileage of American railway track is laid with ties preserved against decay by injection of various substances into the wood cells. The burnettizing process, which consists in forcing chloride of zinc into the wood, being the cheapest effectual process, is the one most commonly employed.

Reliable data as to results in different kind of roadbed is not yet available; in general, it may be safely assumed that, under average conditions, the life of ordinary pine ties will be doubled by treatment under the burnettizing process, the cost of which will average about \$5 per thousand feet, board measure, or 16 cents for a tie 6 in. x 8 in. x 8 ft. Along the shores of the Great Salt Lake, in Utah, where the soil composing the roadbed contains a large percentage of common salt, ties show a remarkable life, showing no signs of decay after twenty-four years of service in the track.

The cost of keeping up this department averages a little over 11% of the

total railway expenditure. For a large system of roads, it covers the service of skilled mechanics in almost every branch of the metal and wood working trades, to furnish the labor and produce the materials required to construct and keep in repair locomotives of all kinds and cars of all classes, from the "one man velocipede" used by track inspectors, up to the luxuriously appointed vestibuled sleeping and dining cars. On some roads, an organization within this department is also required for the building and maintenance of ferry and river steamers.

The superintendent of motive power and machinery, in responsible charge of this branch of the service, and also to a considerable extent of the transportation service proper, commands the service of experts in many branches of mechanical work and scientific investigation. The drafting or designing office is an important bureau of this department, which originates many plans of much practical value. The testing bureau is another feature; it is usually headed by a mechanical engineer or engineer of tests, whose chief assistant is a chemist, both being qualified for the work by practical experience and scientific training.

This bureau is required to make such physical and chemical tests of materials and supplies furnished to all departments as may, from time to time, be necessary to enforce specifications in respect to the quality thereof. The engineer of tests is also required to conduct many experiments; among the most interesting features of his work is the testing of various classes of locomotives, and the fuels used by them. In connection with this special work, every fact of a scientific or practical nature, bearing in any way on results, is observed and noted down.

Much patient investigation is requisite to insure accuracy, which is especially important in those cases where reported results may prompt railway managers to direct important and expensive modifications in railway equipment. As a typical example of the line of inquiry pursued, the following tables are given, showing a comparative test of fuels and a portion of the data observed and considered for experimental service of different types of locomotives.

Prior to the introduction of steel rails, hauling power of locomotives and the carrying capacity of cars were increased but slowly, and between 1860 and 1870 the weight of railway rolling stock had practically reached the maximum possible to run on iron rails. Prior to 1870, few locomotives, having a greater weight per driving wheel than 8000 pounds, or a total weight exceeding 70,000 pounds, or freight cars with a carrying capacity greater than ten tons, were run anywhere in the United States.

Since 1870, as fast as new lines were built, or old roads renewed with steel rails, designers of railway machinery have seized upon the opportunity to increase the weight and capacity of rolling stock, until, in 1892, freight engines with more than 17,000 pounds on each driving wheel, and having a total weight in working order, exclusive of tender, of over 160,000 pounds, are in use. While this approaches the safe and economical limit of weight for steel wheel tires and rails, it cannot be confidently said that the full maximum has yet been reached. A heavy freight locomotive, built in 1892, is illustrated on Plate 22. A new 10-wheel passenger locomotive, built at the Schenectady Works, in 1892, for the Pennsylvania Railroad, has an average weight of 20,250 pounds on each driving wheel.

In the development of transportation service, the demand for faster freight train speed has, on many roads, become so pressing, that the economic benefit of a larger train load, which the locomotives of greater power should accomplish, has not been fully realized, the greater power of modern engines being consumed against the resistance of faster speed, instead of hauling greater loads. In this connection, the following table, showing resistance of railway trains at various speeds, is of interest.

It will be noted that if the full power of a given locomotive is exerted to move a train of specified weight, on a level grade, 15 miles an hour, a locomotive of twice the hauling capacity (capable of moving *twice* the load at the *same* speed) could only move the same load at a speed of a little over 30 miles an hour. The effect of mountain grades on the power required to move trains is also indicated by the table, which shows the power required to move a given load up a 4% grade, at 10 miles per hour, is over seventeen times greater than on a level, and at 25 miles an hour, over ten times greater than the resistance to be overcome on a level track.

RESISTANCE OF RAILWAY TRAINS—LOADED CARS.*—IN POUNDS PER TON (2000 POUNDS).

RISE OF GRADE FEET.		SPEED OF TRAIN—MILES PER HOUR.								
Per 100 Ft. (or per ct.)	Per Mile.	5	10	15	20	25	30	40	50	60
LEVEL.		4.5	4.8	5.7	7	8.7	10.8	16	23	31
.5	26.4	14.5	14.8	15.7	17	18.7	20.8	26	33	41
1.	52.8	24.5	24.8	25.7	27	28.7	30.8	36	43	51
1.5	79.2	34.5	34.8	35.7	37	38.7	40.8	46	53	61
2.	105.6	44.5	44.8	45.7	47	48.7	50.8	56	63	71
2.5	132.	54.5	54.8	55.7	57	58.7	60.8	66	73	81
3.	158.4	64.5	64.8	65.7	67	68.7	70.8	76	83	91
3.5	184.8	74.5	74.8	75.7	77	78.7	80.8	86	93	101
4.	211.2	84.5	84.8	85.7	87	88.7	90.8	96	103	111

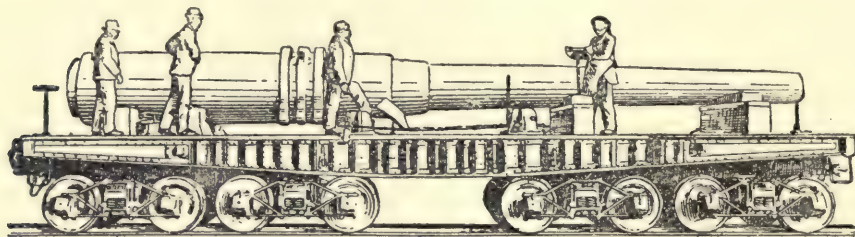
In the design and construction of cars, the weights and carrying capacity have kept pace with locomotive development. Modern standard 12-wheel Pullman Sleepers weigh about 90,000 pounds; first-class passenger coach, for sixty passengers, 57,000 pounds, and the ordinary standard freight car of 1892 has a carrying capacity of 60,000 pounds, and weighs (box pattern) from 28,000 to 32,000 pounds; cars of 120,000 pounds carrying capacity are not uncommon.

*A notable special car was recently required for carrying a 12-inch gun

*Resistance of empty cars about two pounds per ton greater than loaded cars at low speeds. About six pounds per ton greater at fifty miles per hour.

NOTE.—This table is based on experiments made in 1873 on the Lake Shore and Michigan Southern Railway by A. M. Wellington, C. E. For low speeds the figures are somewhat less, and for high speeds, somewhat greater, than by formula for English rolling stock, by D. K. Clark.

from Washington to San Francisco for the ship 'Monterey.' The gun, stripped for shipment, weighed 100,800 pounds. The Pennsylvania Railroad supplied the car, which is shown herewith, as loaded. The side sills of the car are plate girders, 39 feet long over all, and similar to those used in special cars for transporting wire cables. Equalizing levers distribute the load on each end to two 4-wheel trucks of ordinary diamond pattern. The plate girders are 7 feet 9 inches apart, out to out. Their depth at the center is 23 inches, and at this point the clear height above the rail is 2 feet 7 inches. The wheel base of each set of double trucks is 13 feet 3 inches, each truck having a 5-foot wheel base, and the axle centers of the adjacent wheels of the two trucks being 3 feet 3 inches apart. The total wheel base of the car



CAR WITH 12-IN. GUN FOR THE "MONTEREY"

is 35 feet. The wheels are 33 inches diameter. The total weight of the car is 54,800 pounds. The gun was supported and secured by blocks bolted to the car floor." *

While the improvement in cars, both in kind and capacity, has kept pace with the demands of traffic, it may not be inappropriate in this connection to append a list of the different varieties now in use. It is probable that this list is incomplete, but will serve the purpose of giving an idea of the kind of cars brought into requisition by the demands of commerce.

Baggage Car	Hotel Car
Boarding Car	Inspection Car
Box Car	Lodging Car
Buffet Car	Mail Car
Caboose or Conductors' Car	Milk Car
Cattle or Stock Car	Oil Car
Coal Car	Ore Car
Derrick Car	Palace Car
Drawing-room Car	Passenger Car
Drop-bottom Car	Post Office Car
Dump Car	Push Car
Express Car	Postal Car
Flat or Platform Car	Refrigerator Car
Gondola Car	Restaurant Car
Hand Car	Sleeping Car
Hay Car	Tank Car
Hopper-bottom Car	Tip Car
Horse Car	Tool or Wrecking Car

*From the "Northwestern Railroader,"

The cost of locomotive service in different parts of the United States is indicated by the table hereunder, the disadvantages of extreme western roads, in respect to the cost of fuel, being particularly noticeable.

LOCOMOTIVE RETURNS FOR THE MONTH OF JANUARY, 1892.*

NAME OF ROAD.	Number of Serviceable Locomotives on Road.	Number of Locomotives Actually in Service.	COST PER LOCOMOTIVE MILE.							COST PER CAR MILE.		Cost of Coal per Ton.
			Repairs.	Fuel.	Oil, Tallow and Waste.	Other Accounts.	Engineers and Firemen.	Wiping, etc.	Total.	Passenger.	Freight.	
			Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	\$
Alabama Great Southern	64	53	5.20	5.60	0.23	0.40	6.30	2.00	19.73	.....	.....	.....
Alabama & Vicksburg	19	16	2.80	6.00	0.24	0.80	6.10	0.60	17.54	.....	.....	.....
Atchison, Topeka & Santa Fe.....	708	.....	5.79	7.89	0.30	0.20	6.80	1.73	22.71	.....	.....	1.67
Beech Creek.....	35	29	2.22	5.69	0.44	.....	5.31	0.60	14.26	.....	.....	1.25
Canadian Pacific	580	.....	3.77	14.32	0.46	.....	5.52	1.33	25.40	.....	2.25	3.52
Chicago, Burlington & Quincy.....	494	.....	4.67	6.77	0.23	0.44	6.81	.....	18.92	.....	.....	1.41
Chicago & Northwestern.....	846	.....	3.57	8.53	0.37	.....	6.28	0.89	19.64	.....	.....	1.88
Cincinnati Southern.....	106	102	4.00	5.90	0.26	0.80	6.50	1.60	19.06	.....	.....	.....
Cleveland, Cincinnati, Chic., & St. L.	478	.....	2.96	6.57	0.19	1.63	6.64	0.21	18.20	.....	.....	1.31
Cumberland & Pennsylvania.....	23	21	6.65	4.90	0.40	.....	.....	2.10	14.05	.....	.....	.....
D., L. & W., Main Line	207	198	3.53	6.86	0.39	.....	5.61	.....	16.39	.....	.....	.....
“ “ Morris & Essex Div.....	156	.....	3.38	10.00	0.53	.....	6.26	.....	19.97	.....	.....	3.08
Flint & Pere Marquette.....	.....	.....	2.42	6.95	0.33	.....	6.15	.....	15.85	.....	.....	2.00
Kansas City, F. S. & Mem	150	.....	3.18	5.94	0.24	0.54	7.09	.....	16.99	.....	.....	1.69
Kansas City, Mem. & Birm	41	41	3.03	3.49	0.82	.....	6.85	.....	14.19	.....	.....	0.95
Lake Shore & Mich. South	570	560	2.79	5.89	0.11	0.06	7.31	0.17	16.33	.....	.....	1.58
Louisville & Nashville.....	.....	369	4.85	6.94	0.26	1.50	6.15	0.64	20.34	3.30	1.60	1.59
Manhattan Elevated.....	.....	282	1.80	9.40	0.30	.....	8.70	.....	20.20	.....	.....	3.97
Mil. L. S. & West.....	112	101	3.24	13.52	0.27	.....	6.34	0.98	24.35	.....	.....	3.00
Missouri Pacific.....	339	.....	4.66	7.20	0.33	1.36	6.66	1.39	21.60	4.69	1.43	1.41
N. O. & Northeastern.....	38	31	4.30	7.50	0.26	0.99	6.50	1.50	21.06	.....	.....	.....
N. Y., Lake Erie & West .....	.....	618	4.91	7.98	0.42	2.48	7.37	1.16	24.32	.....	1.97	1.38
N. Y., Pennsylvania & Ohio.....	.....	261	4.37	7.09	0.32	3.30	6.91	1.09	23.08	.....	2.09	1.25
N. Y., Prov. & Boston.....	.....	91	2.88	10.59	0.52	.....	6.61	0.95	21.55	.....	.....	.....
Old Colony.....	.....	213	3.32	11.55	0.65	.....	6.90	0.82	23.24	.....	.....	3.75
Philadelphia & Reading.....	.....	.....	4.33	4.75	0.33	.....	5.75	0.39	15.55	.....	.....	.....
South. Pacific, Pacific Sys.....	.....	700	5.08	18.30	0.38	1.74	7.33	1.86	34.69	.....	.....	5.70
Union Pacific.....	1032	.....	7.36	8.33	0.45	0.91	8.12	1.07	26.25	4.44	2.08	1.55
Vicksburg, S. & P.....	24	14	5.10	8.90	0.23	0.70	6.20	2.40	23.53	.....	.....	.....
Wabash.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin Central.....	159	140	3.79	11.37	0.26	.....	7.17	.....	22.59	.....	.....	2.41
YEAR ENDING DEC. 31, 1891.												
Del. L. & W., Main Line.....	208	206	3.37	6.49	0.42	.....	5.85	.....	16.13	.....	.....	.....
L. S. & Mich. South.....	560	539	4.66	5.18	0.16	.....	6.91	0.19	17.10	.....	.....	1.55

Compound locomotives have, in recent years, been coming into favor, as compared with the ordinary simple or single expansion type. In the compound engine, steam is admitted from the boiler to a high pressure cylinder; after driving the piston through a half or single stroke, it is exhausted into a cylinder of larger diameter, and after driving the piston therein a half stroke, is discharged into the atmosphere. Several kinds of compound engines are performing service in this country, the leading types, so far,

*From the "Railroad and Engineering Journal."

being the Vaucalain or Baldwin Locomotive Works' pattern, having four cylinders (a high and a low pressure cylinder on each side of the locomotive), the piston and main rod being connected by a cross-head of ingenious design. Another type, illustrated by Plate 23, is the two cylinder compound, built by the Schenectady Locomotive Works.

The equipment of all railroads in the United States, reporting to the Interstate Commerce Commission, is summarized by the statistician of the Commission for June 30, 1890, as follows:

LOCOMOTIVES.

KIND OF LOCOMOTIVES.	Total Number.	Number Fitted with Train Brake.	Number Fitted with Automatic Coupler.
Passenger	8,384	8,190	823
Freight.....	16,140	9,528	104
Switching.	4,062	1,838	28
Unclassed and leased	1,342	606	...
Total	29,928	20,162	955

CARS.

KIND OF CARS.	Total Number.	Number Fitted with Power Train Brakes.	Number Fitted with Automatic Coupler.
Passenger service.....	26,511	25,330	25,551
Freight service.....	913,580	78,475	75,485
Company service	32,636	1,921	423
Fast freight line.....	59,740	3,084	3,324
Cars leased.....	131,721	19,441	9,581
Total cars.....	1,164,188	128,241	114,364

AUTOMATIC CAR COUPLERS.

From the foregoing it will be seen that, practically all cars in the passenger service are fitted with train brakes and automatic couplers. The attention of railway managers has, in recent years, been earnestly directed to the desirability of using approved and reliable form of automatic coupler for freight cars. The Master Car Builders' Association adopted a form of automatic coupler which is now generally regarded, and is likely to be continued, as the standard form for all United States railways, unless consideration of the subject by Congress should result in an unwise interference, through the

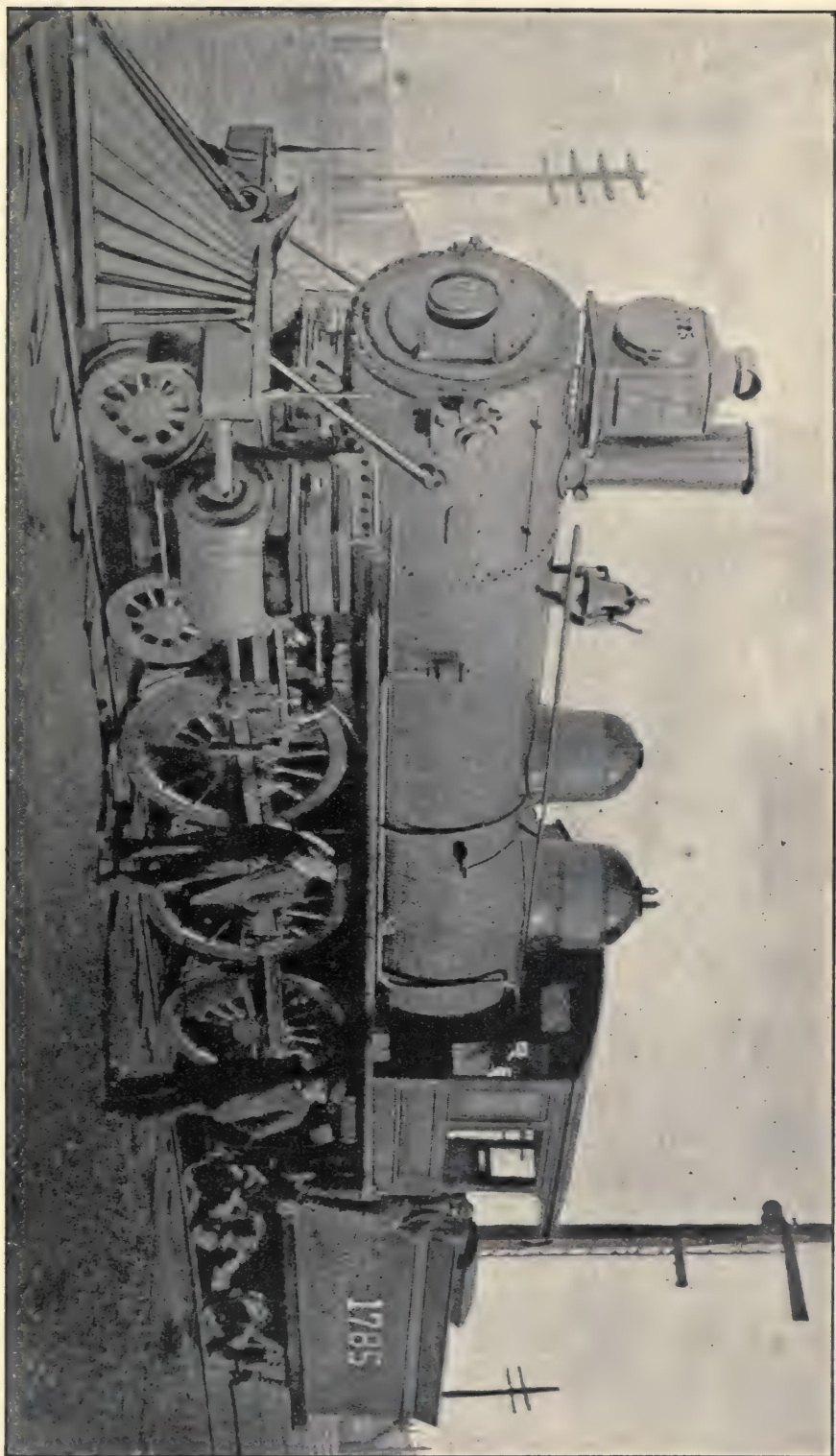


PLATE 23.

TEN-WHEELED COMPOUND PASSENGER LOCOMOTIVE. BUILT 1892.

enactment of laws tending to throw the whole matter into its original state of confusion.

The greatest difficulty, which has now been practically solved by voluntary action of the railway companies, through action of their representatives in the Car Builders' Association, lies in prescribing a uniform coupler which shall meet all of the requirements of safety under all conditions of service, whether cars are drawn by small locomotives in the Mississippi Valley States, or by engines of great power over the mountain ranges in the western part of the continent. The cost of equipping all freight cars now in the United States would not fall far short of \$25,000,000, a cost which the earnings of an average western railway cannot be made to cover, unless the new form of coupler is slowly applied, spreading the expenditure over a series of years.

TRAIN BRAKES.

The same consideration as to cost and time of general application holds good in the case of train or power brakes. The cost of applying this device to all freight cars in the United States, at the present time, would not be less than \$50,000,000. With respect to train brakes, however, appliances for all practical purposes, reliable and perfect in their action, have been developed from the invention of Mr. George Westinghouse, which was first applied to the regular service of passenger trains in 1868. This original invention was the now obsolete "straight air" brake; its action involved the production of compressed air by a pump, and the storage of same in a reservoir, both attached to the locomotive, brakes being applied by connecting the compressed air reservoir and pump directly to brake cylinders, by means of a pipe connected between the cars by a suitable hose and coupling.

While a great improvement over the hand-brake and earlier forms of power brakes, it possessed this vital defect: that, if through defective coupling between cars, bursting of a coupling hose, or other cause, the continuity of the pipe running through the train should be destroyed, the brake could not be applied. A few years after, Mr. Westinghouse perfected a triple valve, to be interposed between a compressed air storage cylinder and the brake cylinder, under each car. This appliance is most ingeniously devised, its operation being, briefly, as follows: Compressed air forced back through the train pipes, by the locomotive pump, enters the triple valve and forces up a piston, to open a valve port, permitting it to pass through the valve into the air storage reservoir; so long as the pressure in the train pipe (which is, usually, from 70 to 80 pounds to the square inch) is kept uniform, the piston and port are held in this position. Whenever the pressure in train pipe is reduced, the piston drops back, closing communication between the train pipe and storage cylinder, and at the same time admitting air from the storage cylinder to the brake cylinder, causing application of the brakes against the wheels. If the reduction in train pipe pressure is slight in amount, only a small quantity of air passes over to the brake cylinder. If all of the air is allowed to escape from the train pipe, the communicating port is opened wide, the pressure is quickly equalized between the two cylinders, and the brakes, consequently, applied quickly to full force. Thus, after a train has been well "charged" with compressed air, anything occurring to open the train pipe to the atmosphere, such as breaking in two of train, causes the brakes to be automat-

ically applied throughout the entire train to full force. The first triple valve brought out and used for several years, was so arranged that it could be cut out, and brakes used either "automatic" or "straight," at pleasure.

This form of automatic apparatus, while efficient on passenger trains and short freight trains, could not be used successfully on longer trains. The next step in train brake development was brought about by the action of the Master Car Builders' Association, through its committee making the celebrated Burlington brake tests, in 1886 and 1887. In the first trials it was conclusively demonstrated that, with the then existing appliances, brakes could not be applied by use of the engineer's brake valve to the rear car of a 50-car freight train (which is about $\frac{1}{3}$ of a mile in length) in less than from 15 to 20 seconds after the brakes had been set on the forward car of the train, this, at moderately high speeds, resulting in such heavy shocks from the rear cars, unbraked, running up against the forward cars, that the rolling stock was seriously broken and damaged thereby.

These experiments of 1886 occupied about three weeks. In the spring of 1887 experiments were repeated with the same results, excepting the feasibility of overcoming the difficulty by using electricity to actuate the valves, was pretty well established. Shortly after these experiments of 1887 were concluded, the Westinghouse Company brought out the present standard "quick action automatic brake," the train pipe attached under the cars and hose connecting between the cars being increased to $1\frac{1}{4}$ inches, inside diameter, and the original triple valve being so modified as to apply the brakes throughout a 50-car train in about two seconds.

In the fall of 1887 Mr. Westinghouse ran this train on a 3000-mile trip, through the Eastern States, making experimental stops at various places. The following figures for averages of stops, made in six different cities, are as given by Mr. H. G. Prout.* They give the distances run in feet from the instant of applying the brakes until the train was brought to a standstill.

KIND OF BRAKE.	Number of Cars.	Number of Miles per Hour.	Number of Feet.
Hand.	50	20	794
Air.....	50	20	166
Air.....	50	40	581
Air.....	20	20	99

The action of this improved brake is practically instantaneous, and leaves little to be desired in the way of further improvements. It has a few defects, but they are of a minor character, and all remedies, so far proposed, have been too complicated to receive the favorable consideration of air-brake experts.

AUXILLIARY TRAIN BRAKE APPLIANCES.

The SWEENEY AIR COMPRESSOR, the invention of a Californian, is a device attached to locomotives, as an auxilliary, to enable engineers to main-

* "Safety in Railway Travel." Charles Scribner's Sons, 1889.

tain air pressure in automatic brakes, in case of failure of air pump, or in recharging air storage under the cars, when descending mountain grades. This device consists of a valve and spring to resist a pressure of 90 pounds, attached to top or side of steam chest, as most convenient to suit style of engine; a globe valve, placed between safety valve and steam chest, this valve being operated from the cab of locomotive; a discharge pipe connecting steam chest and main air reservoir, and in discharge pipe is placed a check valve, preferably close to main air reservoir.

When it is necessary to use the device, *steam being shut off*, the reverse lever is placed slightly back of center notch, and the cylinder cocks left open for three or four revolutions of the engine, to allow water that may be in the cylinders to escape; the globe valve and the engineer's brake valve are then opened in charging position.

WATER BRAKES.

The LE CHATELIER, or water brake, is intended to be used as an auxilliary to other brakes, and, when used with discretion, is a valuable aid in steadying a train down mountain grades. It is most effective on a steady motion of from three to twelve miles per hour, above which latter speed it is of lessened value. It should not be used at a greater speed than eighteen miles per hour, and *is for mountain work only*. In the operation of this brake, water is led by a small pipe connected to the boiler below water line of same, to the exhaust-pipe cavity and through to the cylinders. This affords a counter pressure on pistons when engine is reversed, which should be just back of the center notch of quadrant. The act of forcing compressed moist vapor (which the water jet drawn into the cylinders, with the engine reversed, supplies) back into the boiler, causes the retarding force on pistons operating through the connections on the crank pins, and gives the desired brake power. Only a very small amount of water is used, a portion of which, except that converted into vapor and returned to boiler, passes through the open cylinder cocks. *The amount of brake power exerted depends upon the position of the reversed lever.*

CONCLUSION.

Railway management throughout involves the consideration of details in great number and variety, only a few of which can be adequately presented in an article of this character, which must fall short of exhausting the whole art and practice of managing and operating a railway. For the benefit of those who may desire greater familiarity with so much of this subject as can be learned by reading, the following list of authors and authorities on rail-roading is appended. It does not embrace all of the literature of the subject, and the works of many other writers will be found in the complete railroad library. It is a pleasure to put at the head of the list, however, the name of Mr. Henry C. Adams, as author of the Interstate Commerce Commission Annual Reports on Statistics of Railways in the United States. It is not too much to say that the Third Annual Report, just issued, covers the most complete railway statistics, and the best arrangement of them, ever produced in this country.

COMPARATIVE TEST OF CERTAIN FUELS USED BY THE SOUTHERN PACIFIC COMPANY.

OFFICE SUPERINTENDENT M. P. & M.—FEBRUARY, 1889.

OAKLAND TO SACRAMENTO AND RETURN.

Kind of coal*.	Nanaimo Nov., 1888	Mt. Kembla. Dec., 1888	Mexican. Dec., 1888	Walls End Dec., 1888	Duffield Field Jan., 1889	Cliff Jan., 1889	Bulli Jan., 1889	Cardiff Jan., 1889
Number of trips.	4.	5.	6.	6.	4.	6.	6.	4.
Average number of miles per trip.	86.	86.	86.	86.	86.	86.	86.	86.
" gallons of water at start.	2793.73	2932.776	2866.985	2956.646	2936.297	2929.455	2870.213	2944.425
" " taken on road	1925.23	1771.346	1651.86	1650.876	1361.022	1690.481	1670.726	1867.07
" " left at end of trip.	1261.04	1578.848	1551.156	1418.733	1251.985	1458.523	1600.346	1822.27
" " used	3457.92	3125.274	2967.689	3188.79	3071.335	3161.413	2940.593	2989.225
" pounds of coal at start.	8962.	6585.4	9284.	7164.833	6965.5	7254.166	7309.333	6926.5
" " taken on road.								
" " left at end of trip.	4220.	2653.6	4545.83	2962.166	3169.5	3308.666	3655.166	3325.25
" " used.	4742.	3931.8	4738.17	4202.666	3796.	3945.5	3654.167	3601.25
" loaded cars.	7.4	6.4	6.833	6.666	6.75	6.666	6.333	6.
" tons weight of loaded cars.	167.48	147.8	155.333	155.	152.25	151.166	146.	139.
" number of empty cars.								
" " train.		12.4	10.5	24.5	15.	10.	8.66	21.25
" number of gallons of water used per trip per ton train.	167.48	160.2	165.833	179.5	167.25	161.166	154.66	160.25
" " pounds " coal " " "	20.51	19.508	17.895	17.764	18.363	19.615	19.012	18.653
" " " water evaporated per lb. of coal.	6.07	24.543	28.571	23.413	22.696	24.488	23.626	22.472
" " " coal burned per gal. of water evap/ed	1.374	1.257	5.219	6.322	6.742	6.677	6.706	6.917
" steam pressure.	144.	149.4	142.6	148.3	148.	149.6	150.4	150.3
" temperature of atmosphere.	53.	54.	53.	57.	56.	56.	52.	52.
" " feed water.	58.	57.	58.	59.	58.	58.	57.	57.
" " steam.	363.	365.50	362.	365.	365.	365.60	366.	366.60
Area of grate in square feet.	16.87	16.87	16.87	16.87	16.87	16.87	16.87	16.87
Average coal burned per hour per square foot of grate.	72.54	59.76	72.48	64.289	59.214	60.355	55.898	54.215
Total heating surface.	1325.	1325.	1325.	1325.	1325.	1325.	1325.	1325.
Average coal burned per hour per square foot of heating surface.	923	76	922	818	753	768	714	69
" " mile run	55.139	45.718	55.095	48.868	44.139	45.877	42.49	41.875
Equivalent evaporation at 212° Fahr. from temperature of feed water	7.32	8.	6.294	7.618	8.13	8.059	8.10	8.355
Percentage value of coal from equivalent evaporation at 212° Fahr.	85.49	93.43	73.51	88.97	94.95	94.12	94.6	100
Cubic feet in one ton of 2000 lbs. of coal.	35.212	33.618	32.729	35.493	35.673	34.983	34.938	34.267
Average number miles run per ton of coal burned.	36.27	43.74	36.30	40.92	45.31	43.59	47.06	47.76

* For analysis of coal and description of engine see next page.

ANALYSIS OF COAL.

Kind of coal.....	Nanaimo. Per cent.	Mt. Kembla. Per cent.	Mexican. Per cent.	Cliff. Per cent.	Cardiff. Per cent.
Moisture	2.25	1.20	1.	.85	1.25
Volatile matter.....	36.05	20.93	14.86	17.70	12.85
Fixed carbon.....	51.95	66.96	55.70	71.80	81.90
Ash.....	9.75	10.91	28.44	9.65	4.
TOTAL	100.	100.	100.	100.	100.
Sulphur	2.387	2.33	.453	.....	.76

DESCRIPTION OF ENGINE.

Engine used, 1002 S. P. (Cooke build).

Cylinders, 18 x 24 inches.

Drivers, 62 inches diameter.

Weight on drivers, 61,350 lbs.

Weight on trucks, 34,450 lbs.

Weight of engine and tender, 164,200 lbs.

Heating surface, fire-box, 135 square feet.

Heating surface, flues, 1190 square feet.

Heating surface—Total, 1325 square feet.

COMPOUND LOCOMOTIVE TRIALS.—SOUTHERN PACIFIC COMPANY.

BETWEEN LOS ANGELES AND BAKERSFIELD.

Location of Route.	375 S. P. Simple April, 1891	367 S. P. Compound March, 1891	Difference.	375 S. P. Simple March, 1891	367 S. P. Compound March, 1891	Difference.	374 S. P. Simple April, 1891	367 S. P. Compound April, 1891	Difference.
No. of Engine.	7	10	3	3	5	2	3	4	1
Kind of Engine.	239	239	.....	239	239	.....	335	336	.....
Date of Test.	10.67	10.65	.237	11.	10.9	.1	11.	11.	.....
No. of Round Trips.	.....	.....	.....	.....	.....	.....	.....	.....	.....
Distance, miles per trip.	.....	.....	.....	.....	.....	.....	.....	.....	.....
No. Loaded Cars.	.....	.....	.....	.....	.....	.....	.....	.....	.....
No. Empty Cars.	.....	.....	.....	.....	.....	.....	.....	.....	.....
Weight of Train, tons per trip exclusive of engine and tender.	271.75	263.25	8.5	287.444	266.697	20.747	270.37	258.2075	12.1625
Total Car Miles.	181.64	25453.5	7289.5	7887	13025.5	5138.5	11088	14784	3696
Total Ton Miles.	454638	629168	174530	260697	318703	112666	272533	347031	74498
Total Coal Used, pounds.	182513	220370	37857	85017	124350	168112	39333	127498	19386
Total Water Used, pounds.	1015792	1246325	230533	466125	638767	172642	570500	673567	103067
Kind of Coal.	Carbon Hill	Carbon Hill		Rocky Mountain	Rocky Mountain		Carbon Hill	Carbon Hill	
Pounds of Coal Consumed, per 100 car miles.	Average—Freight Service 1004.806	865.775	139.031	Average—Freight Service 1077.938	954.666	123.272	Average—Freight Service 975.036	802.405	112.631
Pounds of Coal Consumed, per 100 ton miles.	40.145	35.026	5.119	41.251	39.0175	2.2336	39.669	36.74	2.929
Pounds of Water Consumed, per 100 car miles.	5592.336	4896.478	695.858	5910.04	4903.97	1006.07	5145.202	4556.054	589.148
Pounds of Water Consumed, per 100 ton miles.	223.429	198.091	25.338	226.168	200.427	25.741	209.332	194.094	15.238
Pounds of Water Evaporated per Pound of Coal.	5.566	5.656	.09	5.483	5.137	.346	5.277	5.283	.006
Per Cent in Favor of Compound.	.....	13.837	.....	.....	11.436	.....	.....	11.551	.....
Coal, per 100 car miles.	.....	12.751	.....	.....	5.426	.....	.....	7.384	.....
Coal, per 100 ton miles.	.....	12.443	.....	.....	17.023	.....	.....	11.45	.....
Water, per 100 car miles.	.....	11.341	.....	.....	11.381	.....	.....	7.28	.....
Water, per 100 ton miles.	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maker of Engine.	Sch. L. Wk's	Sch. L. Wk's	.....	Sch. L. Wk's	Sch. L. Wk's	.....	Sch. L. Wk's	Sch. L. Wk's	.....
Size of Cylinder.	20 x 26	20 x 29 x 26	.....	20 x 26	20 x 29 x 26	.....	20 x 26	20 x 29 x 26	.....
Weight of Engine on Drivers.	109700	109750	.....	109700	109750	.....	109700	109750	.....
Total Weight of Engine.	139000	139000	.....	139000	139000	.....	139000	139000	.....
Heating Surface, square feet.	1884	1884	.....	1884	1884	.....	1884	1884	.....
Grate Surface, square feet.	30.82	30.82	.....	30.82	30.82	.....	30.82	30.82	.....
	12 Wheel.	12 Wheel.	.....	12 Wheel.	12 Wheel.	.....	12 Wheel.	12 Wheel.	.....

COMPOUND LOCOMOTIVE TRIALS.—SOUTHERN PACIFIC COMPANY.

Location of Route.	BET. BAKERSFIELD AND TULARE.			SACRAMENTO AND OAKLAND PIKE.			TERRACE AND CARLIN.		
No. of Engine.	374 S. P. Simple	367 S. P. Compound	Difference.	1787 C. P. Simple	1785 C. P. Compound	Difference.	264 S. P. Simple	1780 C. P. Compound	Difference.
Kind of Engine.	June, 1891	July, 1891		Dec., 1891	Dec., 1891		Jan., 1892	Jan., 1892	
No. of Round Trips.	5	5	.....	5	5	.....	4	4	.....
Distance, miles per trip.	126	126	.....	172	172	.....	349.4	349.4	.....
No. Loaded Cars.	32.8	36.6	3.8	8.7	9.2	.5	7.0625	7.375	.3125
No. Empty Cars.	.....	.....	.....	.....	.....	.....	.....	.....	.....
Weight of Train, tons per trip exclusive of engine and tender.	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total Car Miles.	659.51	723.91	64.4	262.96	274.64	11.68	222.5	236.6875	14.1875
Total Ton Miles.	20664	23053	2389	7482	7912	430	9870.55	10307.3	436.75
Total Coal Used, pounds.	415491	456063	4572	226145.6	236190.4	10044.8	310966	330794.4	19828.4
Total Water Used, pounds.	48443	47355	988	44358	39934	4424	65817	63754	2663
Kind of Coal.	307631 Carbon Hill	316597 Carbon Hill	8966	294708 Carbon Hill	259442 Carbon Hill	35266	373060 Rocky Mountain	370620 Rocky Mountain	2440
Pounds of Coal Consumed, per 100 car miles.	233.948	205.418	28.53	592.863	504.727	88.136	666.8017	618.5325	48.2692
Pounds of Coal Consumed, per 100 ton miles.	11.635	10.383	1.252	19.6148	16.9075	2.7073	21.1653	19.273	1.8923
Pounds of Water Consumed, per 100 car miles.	1488.729	1373.344	115.385	3938.893	3279.095	659.798	3779.526	3595.704	183.822
Pounds of Water Consumed, per 100 ton miles.	74.04	69.42	4.62	130.318	109.844	20.474	119.9681	112.0394	7.9287
Pounds of Water Evaporated per Pound of Coal.	6.363	6.686	.323	6.644	6.497	.147	5.6681	5.8133	.1452
Per Cent in Favor of Compound.	.....	.....	.....	.....	.....	.....	.....	.....	.....
Coal, per 100 car miles.	.....	12.195	.....	.....	14.866	.....	.....	7.2389	.....
Coal, per 100 ton miles.	.....	10.761	.....	.....	13.802	.....	.....	8.9406	.....
Water, per 100 car miles.	.....	7.751	.....	.....	16.751	.....	.....	4.8636	.....
Water, per 100 ton miles.	.....	6.24	.....	.....	15.711	.....	.....	6.6090	.....
Maker of Engine.	Sch. L. W.'s	Sch. L. W.'s	.....	Sch. L. W.'s	Sch. L. W.'s	.....	S. P. Co.	Sch. L. W.'s	.....
Size of Cylinder.	20 x 26	20 x 29 x 26	.....	19 x 24	20 x 29 x 24	.....	18 x 28	20 x 29 x 24	.....
Weight of Engine on Drivers	109700	109750	.....	101500	96680	.....	62000	96680	.....
Total Weight of Engine	133000	139000	.....	127000	129700	.....	98000	129700	.....
Heating Surface, square feet.	1884	1884	.....	1736.2	1736.2	.....	1421.9	1736.2	.....
Grate Surface, square feet.	30.82	30.82	.....	28.6	28.6	.....	20.5	28.6	.....
	12 Wheel.	12 Wheel.		10 Wheel.	10 Wheel		8 Wheel.	10 Wheel.	

PROFILES INDICATING GRADE SYSTEM.—S. P. CO.

HORIZONTAL SCALE

24 MILES

TO 1 INCH

VERTICAL SCALE

2000 FEET

TO 1 INCH

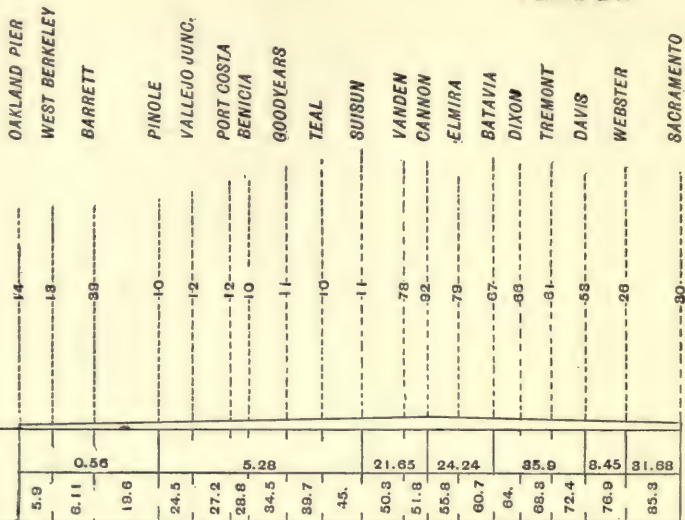
PLATE 24.

ELEVATION

SEA LEVEL

Maximum Grade
Feet per mile

Distance from
Oakland Pier



WESTERN DIVISION

HORIZONTAL SCALE

48 MILES

TO 1 INCH

VERTICAL SCALE

2000 FEET

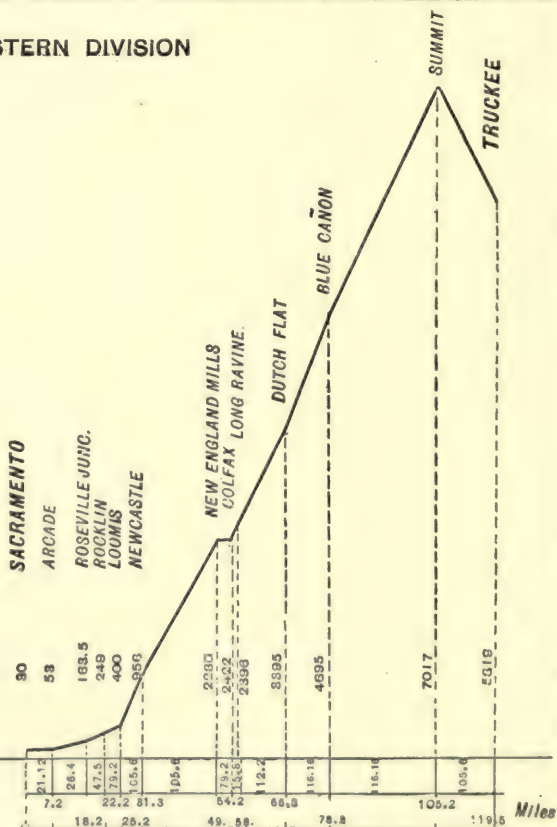
TO 1 INCH

ELEVATION

SEA LEVEL

Maximum Grade Feet per mile

Distance from SACRAMENTO

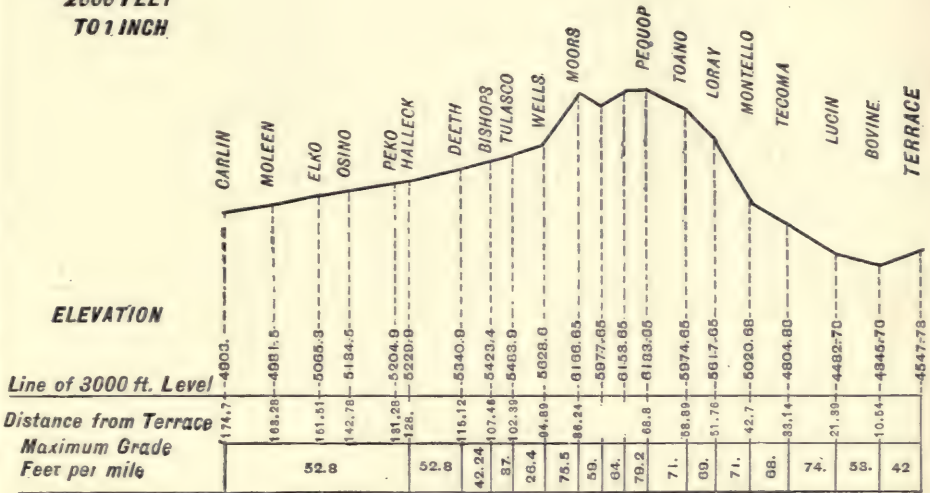


SACRAMENTO DIVISION

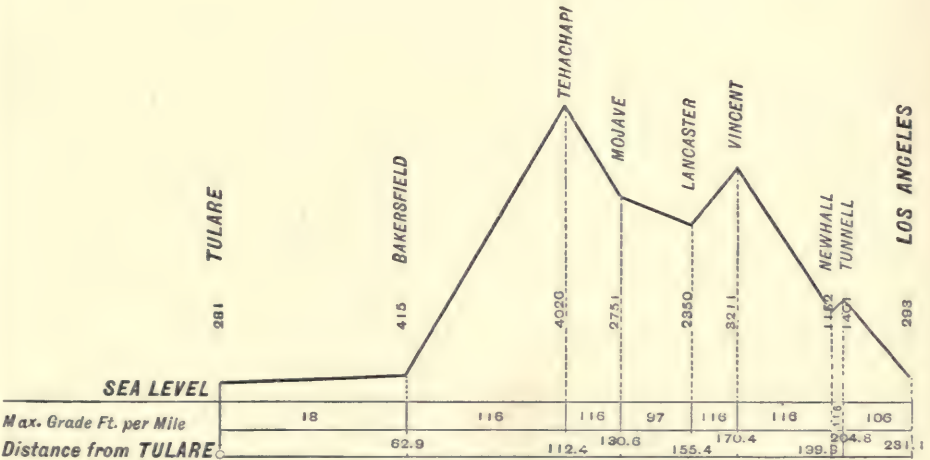
HORIZONTAL SCALE
48 MILES
TO 1 INCH

PLATE 25.

VERTICAL SCALE
2000 FEET
TO 1 INCH



SALT LAKE DIVISION



VISALIA AND LOS ANGELES DIVISION

DEPARTMENTS STEAMSHIP SERVICE.

For the proper keeping of accounts, discipline, and the locating of responsibility in management, ships' officers and crew are divided into three departments, viz.: Deck Department, Engineer's Department, and Purser's Department. The personnel of these various departments is given below, in regular order. First, however, are the principal officers, as follows:

Captain	Chief Engineer	Surgeon
First or Chief Officer	Purser	Freight Clerks

DECK DEPARTMENT.

Second Officer	Main Deck Watchman	Seamen
Third Officer	Quartermaster	Deck Boy
Carpenter	Boatswain	Mess Boy
	Water-Closet Boy	

ENGINEER'S DEPARTMENT.

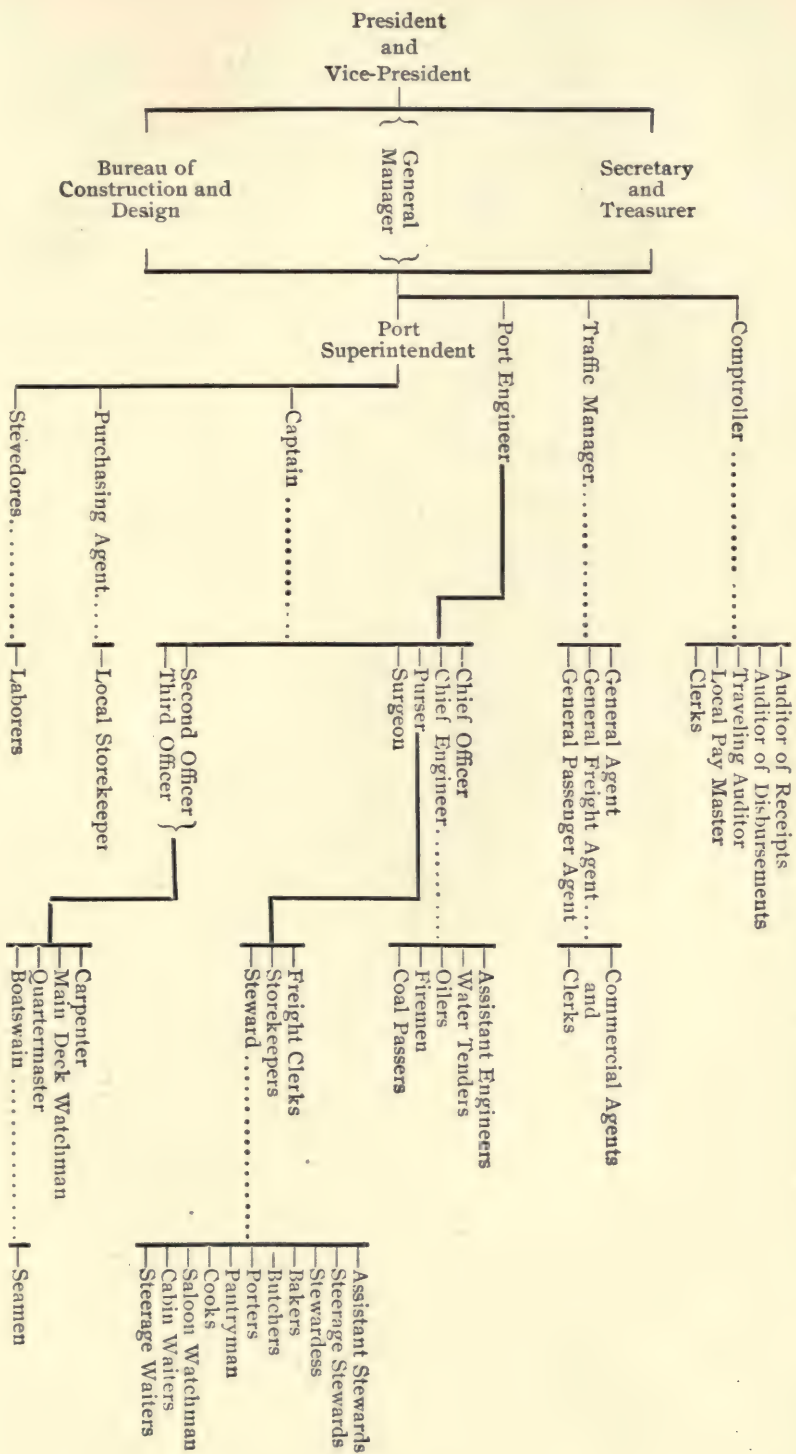
Assistant Engineers	Oilers	Coal Passers
Water Tenders	Firemen	Mess Boy
	Storekeeper	

PURSER'S DEPARTMENT.

Stewards	Butchers	Steerage Watchmen
Storekeeper	Porters	Steerage Waiters
Steerage Steward	Pantrymen	Officers' Mess Men
Stewardess	Cooks	Cabin Waiters
Bakers	Saloon Watchmen	Silver Man

On the following page is given a graphic description of steamship organization, and the lines of responsibility.

STEAMSHIP ORGANIZATION—LINES OF RESPONSIBILITY.



RAILROAD OR STANDARD TIME.

FROM SAN FRANCISCO TO NEW YORK.

PACIFIC TIME.—(Adopted on the Pacific Coast, November 1, 1884.) Is time of 120th meridian, which is nine minutes, thirty-six seconds faster than San Francisco mean time.

MOUNTAIN TIME.—Between 120th and 105th meridians, one hour faster than Pacific time.

CENTRAL TIME.—Between 105th and 90th meridians, two hours faster than Pacific time.

EASTERN TIME.—Between 90th and 75th meridians, three hours faster than Pacific time.

INTER-COLONIAL TIME.—Between 75th and 60th meridians, four hours faster than Pacific time.

WHERE THE DAY BEGINS.

By common consent of the nations, longitude on the globe is reckoned from Greenwich, England; the prime meridian is considered to be at that point. Each 15 degrees constitute an hour in time. The earth makes a complete revolution, west to east, through 360 degrees, in 24 hours; in each hour, therefore, it turns 15 degrees. Places 15 degrees east of us see the sun an hour before we do; places 90 degrees east of us see it 6 hours before we do, and so on. The sunrise, noon, sunset, and all other hours come to these places, as a consequence, earlier than they do to us. The sun is rising in some part of the globe every moment. In some part or other of the globe the sun is always setting, or on the meridian. Therefore, it is daylight always, somewhere. Yet, it is necessary to select a conventional starting point for the day. It was desirable, too, that the place of transition should be in the ocean. At last the chief countries of the world agreed that the change of day should take place along a line drawn north and south, through the Pacific Ocean. This is called the date line. Under this arrangement the new day is considered to make its advent on Easter Island. This island is west of Chili, and about a third of the distance between that country and New Zealand. Thus, when it is Sunday on the American Continent, it is Monday on Easter Island. That island and the places to the west of it along the date line, always keep ahead of us one day.

Railroad Mileage.

UNITED STATES, 1891.		THE WORLD, 1891.	
States.	Miles.	Countries.	Miles.
Illinois	9975	United States.....	165188
Kansas	8855	France.....	29683
Pennsylvania.....	8489	Germany.....	23624
Texas	8590	Great Britain.....	19943
Iowa.....	8321	Russia.....	18670
Ohio.....	8033	India.....	15709
New York.....	7705	Austria.....	14344
Michigan.....	6952	Canada.....	13325
Indiana.....	6153	Australasia.....	10977
Missouri.....	6091	Italy.....	6438
Wisconsin.....	5553	Brazil.....	6150
Minnesota.....	5446	Spain.....	5523
Nebraska.....	5221	Argentina.....	5000
Georgia.....	4556	Sweden and Norway.....	4930
California.....	4378	Mexico.....	4600
Colorado.....	4338	Belgium.....	2756
Virginia.....	3079	Switzerland.....	1962
Alabama.....	3067	Algeria.....	1933
North Carolina.....	2955	Cape Colony.....	1608
Tennessee.....	2750	Netherlands.....	1520
Kentucky.....	2731	Chili.....	1498
South Dakota.....	2480	Roumania.....	1400
Florida.....	2360	Peru.....	1269
Mississippi.....	2348	Denmark.....	1208
South Carolina.....	2317	Egypt.....	1109
Arkansas.....	2280	Japan.....	1079
Montana.....	2219	Portugal.....	1039
Massachusetts.....	2088	Cuba.....	1000
North Dakota.....	2055	Turkey in Asia.....	885
New Jersey.....	2034	Java.....	790
Washington.....	1721	Turkey.....	768
Louisiana.....	1681	Greece.....	580
Oregon.....	1503	Uruguay.....	538
Maine.....	1385	Luxemburg.....	270
West Virginia.....	1325	Tunis.....	198
Maryland.....	1269	Colombia.....	195
Utah.....	1220	Venezuela.....	177
New Hampshire.....	1125	Costa Rica.....	170
Indian Territory.....	1099	Bulgaria.....	139
Arizona.....	1097	Guatemala.....	132
Vermont.....	1026	Ecuador.....	110
Connecticut.....	1000	New Foundland.....	101
Wyoming.....	961	Nicaragua.....	93
Nevada.....	928	Honduras.....	69
Idaho.....	883	Salvador.....	35
Delaware.....	305	Hawaii.....	32
Rhode Island.....	220	Persia.....	30
District of Columbia.....	21	Total of the World.....	365797

Inter-State Commerce Law.

DUTIES OF CARRIERS.

APPLICATION OF THE ACT.

Both all-rail and rail-and-water lines to conform to its stipulations. The term "Railroads" defined as including bridges and ferries. All passenger and freight charges to be just and reasonable.

AN ACT TO REGULATE COMMERCE.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled—

SECTION 1. That the provisions of this Act shall apply to any common carrier or carriers engaged in the transportation of passengers or property wholly by railroad, or partly by railroad and partly by water when both are used, under a common control, management or arrangement, for a continuous carriage or shipment, from one State or Territory of the United States, or the District of Columbia, to any State or Territory of the United States, or the District of Columbia, or from any place in the United States to an adjacent foreign country, or from any place in the United States through a foreign country to any other place in the United States, and also to the transportation in like manner of property shipped from any place in the United States to a foreign country and carried from such place to a port of transshipment, or shipped from a foreign country to any place in the United States and carried to such place from the port of entry either in the United States or an adjacent foreign country; *Provided, however,* that the provisions of this Act shall not apply to the transportation of passengers or property, or to the receiving, delivering, storage, or handling of property, wholly within one State, and not shipped to or from a foreign country from or to any State or Territory as aforesaid.

The term "railroad," as used in this Act, shall include all bridges and ferries used or operated in connection with any railroad, and also all the road in use by any corporation operating a railroad, whether owned or operated under a contract, agreement, or lease; and the term "transportation" shall include all instrumentalities of shipment or carriage.

All charges made for any service rendered or to be rendered in the transportation of passengers or property as aforesaid, or in connection therewith, or for the receiving, delivering, storage, or handling of such property, shall be reasonable and just; and every unjust and unreasonable charge for such service is prohibited and declared to be unlawful.

UNJUST DISCRIMINATION.

Favoring one person or persons with special rates, rebates or drawbacks not granted to other person or persons prohibited.

SEC. 2. That if any common carrier, subject to the provisions of this Act, shall, directly or indirectly, by any special rate, rebate, drawback, or other device, charge, demand, collect or receive from any person or persons a greater or less compensation for any service rendered, or to be rendered, in the transportation of passengers or property, subject to the provisions of this Act, than it charges, demands, collects or receives from any other person or persons for doing for him or them a like and contemporaneous service in the transportation of a like kind of traffic, under substantially similar circumstances and conditions, such common carrier shall be deemed guilty of unjust discrimination, which is hereby prohibited and declared to be unlawful.

PROPER FACILITIES.

Undue prejudice or undue disadvantage to individuals or localities prohibited. Reasonable proper and equal facilities for interchange of traffic between carriers required.

SEC. 3. That it shall be unlawful for any common carrier, subject to the provisions of this Act, to make or give any undue or unreasonable preference or advantage to any particular person, company, firm, corporation or locality, or any particular description of traffic, in any respect whatsoever, or to subject any particular person, company, firm, corporation or locality, or any particular description of traffic, to any undue or unreasonable prejudice or disadvantage in any respect whatsoever.

Every common carrier subject to the provisions of this Act shall, according to their respective powers, afford all reasonable, proper and equal facilities for the interchange of traffic between their respective lines, and for the receiving, forwarding and delivering of passengers and property to and from their several lines and those connecting therewith, and shall not discriminate in their rates and charges between such connecting lines; but this shall not be construed as requiring any such common carrier to give the use of its tracks or terminal facilities to another carrier engaged in like business.

LONG AND SHORT HAULS.

A less charge for a longer than a shorter distance prohibited. In special cases the rule may be suspended by authority of the Commission.

SEC. 4. That it shall be unlawful for any common carrier, subject to the provisions of this Act, to charge or receive any greater compensation in the aggregate for the transportation of passengers or of like kind of property, under substantially similar circumstances and conditions, for a shorter than for a longer distance over the same line in the same direction, the shorter being included within the longer distance; but this shall not be construed as authorizing any common carrier within the terms of this Act to charge and receive as great compensation for a shorter as for a longer distance; *Provided, however*, that upon application to the Commission appointed under

the provisions of this Act, such common carrier may, in special cases, after investigation by the Commission, be authorized to charge less for longer than for shorter distances for the transportation of passengers or property ; and the Commission may from time to time prescribe the extent to which such designated common carrier may be relieved from the operation of this section of this Act.

POOLS AND COMBINATIONS.

Contracts, agreements or combinations between carriers for pooling freights prohibited.

SEC. 5. That it shall be unlawful for any common carrier, subject to the provisions of this Act, to enter into any contract, agreement or combination with any other common carrier or carriers for the pooling of freights of different and competing railroads, or to divide between them the aggregate or net proceeds of the earnings of such railroads, or any portion thereof ; and in any case of an agreement for the pooling of freights as aforesaid, each day of its continuance shall be deemed a separate offense.

RATES, FARES AND CHARGES.

Schedules of freight and passenger rates, freight classification, terminal charges and changes in such schedules, to be printed and publicly exhibited. No advance in rates to be made without ten days' public notice. Reductions may be made without notice. Only schedule rates to be charged or collected. Schedules to be filed with the Commission, which must be promptly notified of changes made in the same. Joint tariffs also to be filed. Carriers refusing to file or publish schedules to be subject, in addition to other penalties, to a writ of mandamus issued by a United States Circuit Court, and to a writ of injunction restraining them from receiving or transporting property.

SEC. 6 That every common carrier, subject to the provisions of this Act, shall print and keep for public inspection schedules showing the rates and fares and charges for the transportation of passengers and property which any such common carrier has established and which are in force at the time upon its railroad, as defined by the first section of this Act. The schedules printed as aforesaid by any such common carrier, shall plainly state the places upon its railroad between which property and passengers will be carried, and shall contain the classification of freight in force upon such railroad, and shall also state separately the terminal charges and any rules or regulations which in anywise change, affect or determine any part of the aggregate of such aforesaid rates and fares and charges. Such schedules shall be plainly printed in large type, of at least the size of ordinary pica, and copies for the use of the public shall be kept in every depot or station upon any such railroad, in such places and in such form that they can be conveniently inspected.

Any common carrier, subject to the provisions of this Act, receiving freight in the United States to be carried through a foreign country to any place in the United States, shall also in like manner print and keep for public inspection, at every depot where such freight is received for shipment, schedules showing the through rates established and charged by such common carrier to all points in the United States beyond the foreign country to which it accepts freight for shipment; and any freight shipped from the United States through a foreign country into the United States, the through

rate on which shall not have been made public as required by this Act, shall, before it is admitted into the United States from said foreign country, be subject to customs duties, as if said freight were of foreign production; and any law in conflict with this section is hereby repealed.

No advance shall be made in the rates, fares, and charges which have been established and published as aforesaid by any common carrier, in compliance with the requirements of this section, except after ten days' public notice, which shall plainly state the changes proposed to be made in the schedule then in force, and the time when the increased rates, fares or charges will go into effect; and the proposed changes shall be shown by printing new schedules, or shall be plainly indicated upon the schedules in force at the time and kept for public inspection. Reductions in such published rates, fares or charges may be made without previous public notice; but whenever any such reduction is made, notice of the same shall immediately be publicly posted, and the changes made shall immediately be made public by printing new schedules, or shall immediately be plainly indicated upon the schedules at the time in force and kept for public inspection.

And when any such common carrier shall have established and published its rates, fares and charges, in compliance with the provisions of this section, it shall be unlawful for such common carrier to charge, demand, collect, or receive from any person or persons a greater or less compensation for the transportation of passengers or property, or for any services in connection therewith, than is specified in such published schedule of rates, fares, and charges as may at the time be in force.

Every common carrier, subject to the provisions of this Act, shall file with the Commission hereinafter provided for, copies of its schedules of rates, fares, and charges which have been established and published in compliance with the requirements of this section, and shall promptly notify said Commission of all changes made in the same. Every such common carrier shall also file with said Commission copies of all contracts, agreements, or arrangements with other common carriers in relation to any traffic affected by the provisions of this Act to which it may be a party. And in cases where passengers and freight pass over continuous lines or routes operated by more than one common carrier, and the several common carriers operating such lines or routes establish joint tariffs of rates, or fares, or charges for such continuous lines or routes, copies of such joint tariffs shall, also, in like manner, be filed with said Commission. Such joint rates, fares, and charges on such continuous lines so filed as aforesaid, shall be made public by such common carriers when directed by said Commission, in so far as may, in the judgment of the Commission, be deemed practicable; and said Commission shall, from time to time, prescribe the measure of publicity which shall be given to such rates, fares, and charges, or to such part of them as it may deem it practicable for such common carriers to publish, and the places in which they shall be published; but no common carrier, party to any such joint tariff, shall be liable for the failure of any other common carrier, party thereto, to observe and adhere to the rates, fares, or charges thus made and published.

If any such common carrier shall neglect or refuse to file or publish its schedules or tariffs of rates, fares, and charges, as provided in this section, or

any part of the same, such common carrier shall, in addition to other penalties herein prescribed, be subject to a writ of mandamus, to be issued by any Circuit Court of the United States in the judicial district, wherein the principal office of said common carrier is situated, or wherein such offense may be committed, and if such common carrier be a foreign corporation, in the judicial circuit wherein such common carrier accepts traffic and has an agent to perform such service, to compel compliance with the aforesaid provisions of this section; and such writ shall issue in the name of the People of the United States, at the relation of the Commissioners appointed under the provisions of this Act; and failure to comply with its requirements shall be punishable as and for a contempt; and the said Commissioners, as complainants, may also apply, in any such Circuit Court of the United States, for a writ of injunction against such common carrier, to restrain such common carrier from receiving or transporting property among the several States and Territories of the United States, or between the United States and adjacent foreign countries, or between ports of transshipment and of entry, and the several States and Territories of the United States, as mentioned in the first section of this Act, until such common carrier shall have complied with the aforesaid provisions of this section of this Act.

DIVERSION OF TRAFFIC.

Carriage of freights to be continuous from place of shipment to place of destination.

SEC. 7. That it shall be unlawful for any common carrier, subject to the provisions of this Act, to enter into any combination, contract or agreement, expressed or implied, to prevent, by change of time schedule, carriage in different cars, or by other means or devices, the carriage of freights from being continuous from the place of shipment to the place of destination; and no break of bulk, stoppage or interruption made by such common carrier shall prevent the carriage of freights from being and being treated as one continuous carriage from the place of shipment to the place of destination, unless such break, stoppage or interruption was made in good faith for some necessary purpose, and without any intent to avoid or unnecessarily interrupt such continuous carriage or to evade any of the provisions of this Act.

LIABILITY OF CARRIERS.

Persons injured by unlawful acts of carriers to be entitled to full damages sustained thereby.

SEC. 8. That in case any common carrier, subject to the provisions of this Act, shall do, cause to be done, or permit to be done, any act, matter or thing, in this Act prohibited or declared to be unlawful, or shall omit to do any act, matter or thing in this Act required to be done, such common carrier shall be liable to the person or persons injured thereby for the full amount of damages sustained in consequence of any such violation of the provisions of this Act, together with a reasonable counsel or attorney's fee, to be fixed by the Court in every case of recovery, which attorney's fees shall be taxed and collected as part of the costs in the case.

ACTIONS FOR DAMAGES.

Complaint may be made to the Commission or to a District or Circuit Court. Officials of carriers may be compelled to appear, testify and produce books and papers.

SEC. 9. That any person or persons claiming to be damaged by any common carrier, subject to the provisions of this Act, may either make complaint to the Commission as hereinafter provided for, or may bring suit in his or their own behalf for the recovery of the damages for which such common carrier may be liable, under the provisions of this Act, in any District or Circuit Court of the United States of competent jurisdiction; but such person or persons shall not have the right to pursue both of said remedies, and must in each case elect which one of the two methods of procedure herein provided for he or they will adopt. In any such action brought for the recovery of damages the Court, before which the same shall be pending, may compel any director, officer, receiver, trustee or agent of the corporation or company defendant in such suit to attend, appear and testify in such case, and may compel the production of the books and papers of such corporation or company, party to any such suit; the claim that any such testimony or evidence may tend to criminate the person giving such evidence, shall not excuse such witness from testifying, but such evidence or testimony shall not be used against such person on the trial of any criminal proceeding.

PENALTIES FOR VIOLATION.

Carriers failing to comply with the Act to be guilty of a misdemeanor, and subject to a fine not to exceed \$5000 for each offense.

SEC. 10. That any common carrier subject to the provisions of this Act, or, whenever such common carrier is a corporation, any director or officer thereof, or any receiver, trustee, lessee, agent or person acting for or employed by such corporation, who, alone or with any other corporation, company, person or party, shall willfully do or cause to be done, or shall willfully suffer or permit to be done, any act, matter or thing in this Act prohibited or declared to be unlawful, or who shall aid or abet therein, or shall willfully omit or fail to do any act, matter or thing in this Act required to be done, or shall cause or willingly suffer or permit any act, matter or thing so directed or required by this Act to be done or not to be so done, or shall aid or abet any such omission or failure, or shall be guilty of any infraction of this Act, or shall aid or abet therein, shall be deemed guilty of a misdemeanor, and shall, upon conviction thereof in any District Court of the United States, within the jurisdiction of which such offense was committed, be subject to a fine not to exceed five thousand dollars for each offense.

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Index.

	PAGE
Abbreviations Used in Classifications.....	255
" Indicating Kind of Car	268
Advance Charges, on what made.....	261
Air Compressor, Sweeney	654
America, U. S. of, Coins of, Legal Weight, Fineness, Value.....	480
Argentine Republic, " " " " "	481
Auns, to convert into yards.....	500
Axles, weight per set.....	579
Baggage, pounds allowed free.....	263
" When not checked.....	263
Baggagemen, duties of.....	263
Bagging, weight per yard.....	593
Barrels, capacity of.....	563
Bark, description of	<i>Illustration</i> 20
Barkentine, description of.....	" 21
Barouche, English, description of.....	251
Belting, Rolled, to find length of.....	591
Berlin, description of.....	251
Boiler Flues, weight and dimensions.....	584
Bolivia, Coins of, Legal Weight, Fineness, Value	481
Brakes, Train.....	653-654
" Auxilliary and Appliances	654-655
" Water.....	655
" Westinghouse new quick action	653
Brass, Round Bar, weight per foot.	576
Brazil, Coins of, Legal Weight, Fineness, Value.....	482
Break, description of.....	251
Brett, "	251
Brig, "	<i>Illustration</i> 22
" Hermaphrodite, description of.....	" 23
Brigantine, description of.....	" 24
Britzka, "	251
Buggy, "	251
Cabriolet, "	251
Calash, "	251
Calculator, Freight, Cubic Feet, explanatory	45
" " " " " tables	46-149
" " Pounds, explanatory	297-298
" " " tables.....	299-478
Car, Box, to find cubical contents of.....	267-268
" Flat, to find measurement capacity of.....	267
Cars, Box, gauge 4 ft. 8½ in., capacity of.....	269-274
" Beer, " " " "	279
" Buggy, " " " "	279
" Coal, " " " "	281-282
" Combination, " " " "	274
" Charcoal, " " " "	282
" Fruit, " " " "	278-279

	PAGE
Cars, Furniture, gauge 4 ft. 8½ in., capacity of.....	279
“ Gondola “ “ “ “	280-281
“ Hay “ “ “ “	279
“ Lumber, “ “ “ “	280
“ Platform, “ “ “ “	282-286
“ Refrigerator, “ “ “ “	277-278
“ Stock, “ “ “ “	274-277
“ Box, gauge 4 ft. 8¼ in., capacity of.....	286
“ Coke “ “ “ “	286
“ Gondola, “ “ “ “	286
“ Platform, “ “ “ “	286
“ Stock, “ “ “ “	286
“ Box, gauge 4 ft. 9 in., capacity of.....	286-288
“ Coal, “ “ “ “	290
“ Coke, “ “ “ “	288-289
“ Gondola, “ “ “ “	289-290
“ Platform, “ “ “ “	290
“ Refrigerator, “ “ “ “	288
“ Stock, “ “ “ “	288
“ Stone, “ “ “ “	289
“ Freight, mileage for service of.....	295
“ “ How furnished.....	259
“ “ When strengthened, how to compute cubic capacity.....	268
“ Kinds in use	648
“ Number in United States.....	650
“ Weight of.....	647-648
Car Couplers, Automatic.....	650
Carload, number of pounds or cubic tons constituting.....	259
“ Minimum	259
“ Straight or mixed.....	259
Cat, description of.....	<i>Illustration</i> 35
Catamaran, description of.....	“ 38
Chaise, “	251
Chili, Coins of, Legal Weight, Fineness, Value.....	482
Chains, strength and weight of.....	578
“ To find breaking weight of	591
Chariotee, description of.....	251
Circle, to find area of.....	591
“ “ circumference of.....	591
“ “ diameter of.....	591
Claims, presentation to conform to rules of carrier.....	261
Clarence, description of.....	252
Coach, “	252
Coal, analysis of kinds used.....	657
“ Comparative tests.....	656
“ Scale of equivalents	216-217
“ Specific gravity, weights and measurements of.....	218-219
Coins, to find metal value.....	479
“ Index to illustrations.....	486
“ Illustrations of.....	487-491
Corn, to measure in crib.....	589
“ To find number of bushels shelled	589-590
“ To find weight of.....	590
Columbia, U. S. of, S. A., Coins of, Legal Weight, Fineness, Value.....	482
Coupé, description of.....	252
Copper, Bar, Round, weight per foot.....	576
“ Bell Rivets and Burs, number in one pound.....	571
“ Sheet, weight of	577

	PAGE
Copper, Sheet, unit of size	580
Crown of Denmark, Custom House Standard	498
“ Norway, “ “ “	498
“ Sweden, “ “ “	498
Cutter, description of	<i>Illustration</i> 30
Cylinder, to find cubical contents of	591
Cubic Feet, to find number of, in one ton weight	268
“ “ “ “ in 100 pounds	268
“ Ton, to find number pounds in	268
Damaged Articles, carriers' rights	261
Day, where it begins	664
Demurrage	260
Dimensions, too large to load in box car	261
Dividends	597-598
Dog-Cart, description of	252
Drachma of Greece, Custom House Standard	496
Earth, specific gravity, weights and measurements of	218-223
Ecuador, Coins of, Legal Weight, Fineness, Value	483
Emigrant Movables, what considered	261
Employees, railways in United States, by class	619
“ Distribution of, in groups	620
Engineer of Tests, Duties of	645
England, Coins of, Legal Weight, Fineness, Value	480
Exchange, Sterling	492-494
Fractions, reduction of	492-493
Franc of Belgium, Custom House Standard	496
“ France, “ “ “	496
“ Switzerland, “ “ “	496
France, Coins of, Legal Weight, Fineness, Value	480
Freight Car, marked capacity of	260
“ Equipment, object of tables	266-267
“ “ Record blanks	291-294
“ Rules governing	255
“ Department, business of	256
“ Service, United States	<i>Plate 9</i> 618A
“ Traffic, Pennsylvania Railroad	“ 3 611
“ “ Southern Pacific Railroad	“ 4 612
“ “ All railways in United States	“ 5 613
Funded Debt, bonds and other obligations	596-597
Germany, Coins of, Legal Weight, Fineness Value	481
Gig, description of	252
Gladstone, description of	252
Glass, in brackets, weight of	586
“ number of lights per box	587
Goods, consigned to second party	258
“ Contraband	258
“ Delivery of	261
“ In bulk	259
“ Not received	256
“ Not responsible for damage to	257
“ Prepayment required	258
“ Provided for boxed	258
“ Required to be packed	258
“ Small consignments, how treated	258
“ When property of consignee	261
“ When responsibility of carrier ceases	260
“ Dutiable, bill of lading necessary	515
“ “ In bond with or without appraisement, meaning of	514

	PAGE
Goods, Dutiable, invoice, consular, how made.....	515
“ “ “ not consular, how made.....	516
“ “ Mode of consignment.....	514
“ “ When forwarded in bond, with or without appraisement.....	514
“ Non-dutiable, invoice by whom certified.....	516
Gold, value of one ounce .1000 fine.....	479
Grade System, profiles indicating.....	<i>Plates 24-25</i> 660-661
Grain, to find number of bushels and weight.....	589
Granger Laws.....	599
Grindstones, to find weight of.....	591
Guatemala, Coins of, Legal Weight Fineness, Value.....	483
Honduras and Uruguay, Coins of, Legal Weight, Fineness, Value.....	483
Hoop Poles, weights and measurements of.....	249
House Flags, steamship lines.....	<i>Illustrations</i> 44
Interlocking Switch Machine.....	<i>Plate 19</i> 639
“ “ and Signal Tower.....	“ 20 640
“ Switches and Signals, description and how operated.....	638
“ “ Protection railway crossing at grade.....	<i>Plate 21</i> 642
“ “ Indicating right of way.....	“ 21a 643
Inter-State Commerce Law.....	666
“ “ “ Actions for damages.....	671
“ “ “ Diversion of traffic.....	670
“ “ “ Duties of common carriers.....	666
“ “ “ Liability of carriers.....	670
“ “ “ Long and short haul.....	667
“ “ “ Penalties.....	671
“ “ “ Pools and combinations prohibited.....	668
“ “ “ Proper facilities required.....	667
“ “ “ Rates, fares, and charges.....	670
“ “ “ Unjust discrimination.....	667
Iron, Angle Irons, weight per foot.....	571
“ Bar, Flat, “ “.....	566-567
“ “ Round, “ “.....	569
“ “ Square, “ “.....	568
“ Boiler, thickness and weight of.....	580
“ Sheet and Plate, weight per square foot.....	575
“ “ Russia, weight per bundle.....	575
“ To find the weight of Flat Bar.....	566
“ “ “ “ Round “.....	569
“ “ “ “ Square “.....	568
Japan, Coins of, Legal Weight, Fineness, Value.....	485
Jump-Seat, description of.....	252
Kilos, reduced to avoirdupois pounds.....	502
Lath, weight per 1000, measurement of.....	250
Lateen, description of.....	<i>Illustration</i> 32
Landau, “.....	252
Locomotive, Compound.....	<i>Illustration</i> 266
“ “.....	<i>Plate 23</i> 651
“ “.....	<i>Diagram Plate 23a</i> 652
“ “ Trials of.....	658-659
“ Freight.....	<i>Plate 22</i> 646
“ Hauling power.....	645-647
“ Number in United States.....	650
“ Returns, cost per mile.....	649
“ Weight of.....	645
Liters, to reduce to United States wine gallons.....	501
Liquids, pounds per gallon, weights and measurements.....	227-228
Live Stock, number loaded in car.....	232

	PAGE
Live Stock, rates based on valuation.....	259
“ “ Rules governing shipment of.....	259-260
Lugger, description of.....	<i>Illustration</i> 31
Lumber and Timber, (round) cubical contents of.....	246-248
“ “ “ Specific gravity, weights and measurements of.....	238-241
“ “ “ To find cubical contents and weight.....	244
“ “ “ “ number of feet when piled.....	236
“ “ “ To reduce round to square.....	244
“ “ “ “ to board measure.....	245
“ “ “ To find weight when piled.....	236
“ “ “ “ “ of round.....	245
“ “ “ Weights by Western Railway Weighing Association.....	242-243
“ Used by railways in the United States.....	644
Maintenance of Way and Structure.....	644-645
“ Equipment, organization for, cost of.....	644-645
Massachusetts Commission, methods of.....	600-601
Measures, Capacity.....	563
“ Circular.....	564
“ Cloth.....	564
“ Cubic.....	563
“ Dry.....	564
“ Liquid.....	563
“ Long.....	564
“ Nautical.....	565
“ Shipping.....	565
“ “ Admeasurement.....	563
“ Square.....	564
“ Surveyors’.....	564
“ Time.....	564
“ Wine.....	565
“ Foreign, capacity, authorized tables of.....	501
“ “ Dry, United States values.....	509-511
“ “ Length, authorized tables of.....	499
“ “ “ United States values.....	512-513
“ “ Liquids, “ “ “.....	507-509
Merchandise, General, consideration of.....	150-152
“ “ Explanation.....	153
“ “ To compute cubical contents of.....	152
“ “ Weights and measures, comparative.....	154-214
Metals and Minerals, specific gravity, weights and measures of.....	224-226
Meters, to convert into yards.....	500
“ “ yards into.....	500
“ To reduce to square yards.....	500
Metric System, by what nations adopted.....	499
“ “ On what based.....	499
“ “ Units and multiples of.....	499
“ “ “ “ sub-multiples of.....	499
Mexico, Coins of, Legal Weight, Fineness, Value.....	484
Mileage, Railway, growth in United States.....	594
“ “ United States and the World.....	665
Miscellaneous Articles, specific gravity, weights and measures of.....	229-230
Nails. Clinch, Cut, Finishing, number per pound.....	574
New Granada, Coins of, Legal Weight, Fineness, Value.....	484
Nuts, number per 100 pounds.....	585
Operating Conditions, diversity.....	609
“ “ Tables indicating.....	610
Organization, Railway, management.....	617
“ “ Lines of responsibility.....	<i>Plate 12</i> 618

	PAGE
Owners' Risk, goods shipped at.....	257
Packing, Rubber, weight per square yard.....	586
Passenger Car, Wagner.....	<i>Illustration</i> 255
“ Department.....	262
“ Service, United States.....	<i>Plate 10</i> 618B
“ Traffic, Pennsylvania Railroad.....	“ 6 614
“ “ Southern Pacific Railroad.....	“ 7 615
“ “ All railways in United States.....	“ 8 616
Perishable Articles, when pass may be given.....	260
Peru, Coins of, Legal Weight, Fineness, Value.....	485
Preservatives, free.....	260
Produce, legal weights, United States and Canada.....	233-235
Population distribution, United States.....	<i>Plate 11</i> 618C
Posts, Fence, weight per cord.....	249
Pound Sterling, Custom House Standard.....	495
Pilot Boat, description of.....	<i>Illustration</i> 28
Pipe, Lead, weight per foot.....	572
Rails, Fence, weight.....	249
“ Railway, used in United States, weight and cost of.....	644
Railway Code, signals, (old).....	264
“ “ Train management.....	265
“ Commission, advantage of.....	601
“ Literature.....	672
“ Property, value of.....	597
“ Signals.....	625
“ “ Fixed.....	635
“ “ General.....	<i>Illustrations</i> 630-634
“ “ Lamp and hand.....	“ 629
“ “ Rules of.....	628
“ “ Semaphore.....	<i>Plate 17</i> 636
“ “ Station.....	“ 18 637
“ “ Train.....	625-626
“ Trains, resistance of.....	647
Railways, capital.....	595
“ First in Great Britain.....	594
“ “ United States.....	594
“ Government ownership of.....	598-599
“ “ “ Other countries.....	598-599
“ Objection to.....	599
“ Origin of.....	594
Rates, relation of to traffic and expenses.....	606-609
“ “ “ “.....	<i>Plate 2</i> 607
“ Theory and practice.....	602-605
Release.....	257
Rivets, Boiler, weight per 100.....	581
Rockaway, description of.....	252
Rope, Manila, size and weight of.....	583
“ To find breaking weight of.....	590
Schooner, description of.....	<i>Illustration</i> 25
“ Three-mast.....	“ 26
“ Four-mast.....	“ 27
Scow-Schooner, description of.....	“ 33
Scow-Sloop,.....	“ 34
Sharpie,.....	“ 36
Ship,.....	“ 19
“ Full-rigged.....	“ 16
“ Index to parts of.....	“ 17-18
Shingles, weight per 1000.....	250

	PAGE
Shipping Receipts, by whom furnished.....	256
Shot, Buck, number per pound	572
" Patent Drop, number per ounce.....	572
Signals, international code of, nations adopting.....	1
" Attention or Demand.....	9
" Cautionary, signal service.....	3-4
" " and Storm.....	<i>Illustration</i> 7
" Code Signal and Answering Pennant.....	<i>Illustrations</i> 2
" Compass.....	9
" Danger or Distress	10-12
" Description.....	2-3
" Distant, composition of.....	4-5
" " Alphabet.....	<i>Illustrations</i> 6
" Life Saving Stations, United States	3
" Sentences, vessels meeting at sea	8
" Semaphore	<i>Illustrations</i> 13
" Semaphoric Alphabet.....	" 14
" Signaling, Flags, how used.....	2-3
" Weather.....	<i>Illustrations</i> 7
" Steam and Sailing Vessels, code of.....	42-43
" Night, and Funnel Marks	44
Sloop, description of	<i>Illustration</i> 29
Specific Gravity, how obtained	216
Special Rates, when binding.....	261
Spikes, Boat, number per pound.....	572
" Cut, " " ".....	567
" Hook, " " 100 pounds.....	573
" Railway, " " ".....	573
" Ship, number per pound and 100 pounds.....	573
Springs, weight per pair.....	579
Stanhope, description of.....	252
Station Service.....	641
Staves and Headings, weights and measurements of.....	249
Steamship.....	<i>Illustration</i> 39
" Organization, lines of responsibility.....	663
" Service departments of.....	662
Steel, Bar, Octagon, weight per foot.....	570
" " Round, " " ".....	570
" " Square, " " ".....	570
Stock, Railway, common and preferred.....	596
Stone, specific gravity, weights and measurements of.....	218-223
Storage when shipments responsible for.....	260
Sulky, description of.....	252
Tanks, to find contents of.....	592
Territorial Groups.....	<i>Plate 1</i> 594A
Tickets, Passenger.....	262
Ties, metal, used in the world	644
" Wood, cost of, durability.....	644
Time Table.....	<i>Plate 13</i> 622
" Standard or Railway.....	664
Trade-Marks, authorized by United States statutes.....	296
" 	<i>Illustrations</i> 297
Train Dispatcher, principles governing.....	623
" Register, Telegraphic.....	<i>Plate 14</i> 624
Transportation conducting	621
Transfer, en route, right to	261
Trunks Empty, weights and measurements of.....	215
" " When required to be boxed.....	258

	PAGE
Vehicles.....	251-252
" Approximate weights and measurements of.....	253-254
Venezuela Coins of, Legal Weights, Fineness Value.....	484
Vessels, rig of.....	15
Victoria, description of.....	252
Wage Tables, per month.....	517-555
" " " week, day and hour.....	556-558
" " " day, 8, 9 and 10 hours.....	559
Wagonette, description of.....	252
Washers, number per 100 pounds.....	585
Weights, Apothecaries', Avoirdupois, Troy.....	565
" Long Ton.....	516
" Foreign, authorized table of.....	501
" " United States values.....	503-506
Wells and Cisterns, capacity of.....	592
Wine and Beer Measure, to find contents of casks.....	588
Wire, Brass, weight per 100 feet.....	580
" Copper " " ".....	580
" Iron " " ".....	580
" " " " " Birmingham Gauge.....	579
" Rope, weight and strength of.....	582
" Yards to the bundle of 63 pounds.....	576
Wood, Cord, weights by Western Railway Weighing Association.....	243
" " " from other sources.....	249
Wood and Timber, shrinkage of.....	250
Yawl, description of.....	<i>Illustration</i> 37



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